Quality Laboratory Kętrzyn

signify

Photometry Report

No. KE210006

Date: 04.01.2020

To:	Mariusz Juchniewicz	Product Manager
Copy:	Dariusz Pierzchanowski	Quality Lab Manager
From:	Konrad Micinski	Quality Lab Engineer - Photometry

Cause of request :

Additional information :

LUMINAIRE TECHNICAL DATA

Product name :	LumiStreet Pro gen2 Large – BGP394
LED / lamp model :	4S platform
Luminous flux :	See next pages
Optics :	DW10
Color temperature :	3000K (CRI 70)
Electrical Class :	I
Ta (°C) :	25
Un (V) :	230V
Other information :	-

TEST STANDARDS

☒ EN 13032-4:2015
☒ EN 13032-1:2014
☐ IEC62717:2014+AMD1:2015
☒ IES LM-79-08
☐ IEC / EN 62722-1:2014
☒ IEC / EN 62722-2-1:2014

TEST EQUIPMENT

LMT GO-DS 2000 Goniometer (C/G)	☐
Yokogawa WT3000 power analyzer	☐
Chroma 6415 programmable AC source	☐
Agilent 6675A system DC power supply	☐
Integrating sphere U-101-A	☐
EM TEST NetWave3 AC/DC source	☐
FLUKE Norma 4000 power analyzer	☐
Sonopan L-100 luxmeter	☐
Gigahertz X1-3 hazard lightmeter	☐
Gigahertz XD-45-HB-4 head	☐
Gigahertz XD-45-HUV-4 head	☐

MEASUREMENT UNCERTAINTIES

Type of test	Uncertainties
Luminous flux	+/- 2.2 %
Power	+/- 0.5 %
Imax	+/- 2.2 %
Beam angle of Imax	+/- 0.1°
Ambient temperature 0-50°C	+/- 0.1 deg.

DISCLAIMER:
This photometry report is compiled based on real measurement done in Signify Laboratories during development and release of new products and calculation data pulled from PPS web-based tool or internal data.
The values present in this report may differ from real values measured for specific product, but not more than +/-11 % on power and +/- 7% on lumen output.

Micinski

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Konrad Miciński – photometry expert

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Dariusz Pierzchanowski – laboratory manager

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

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Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

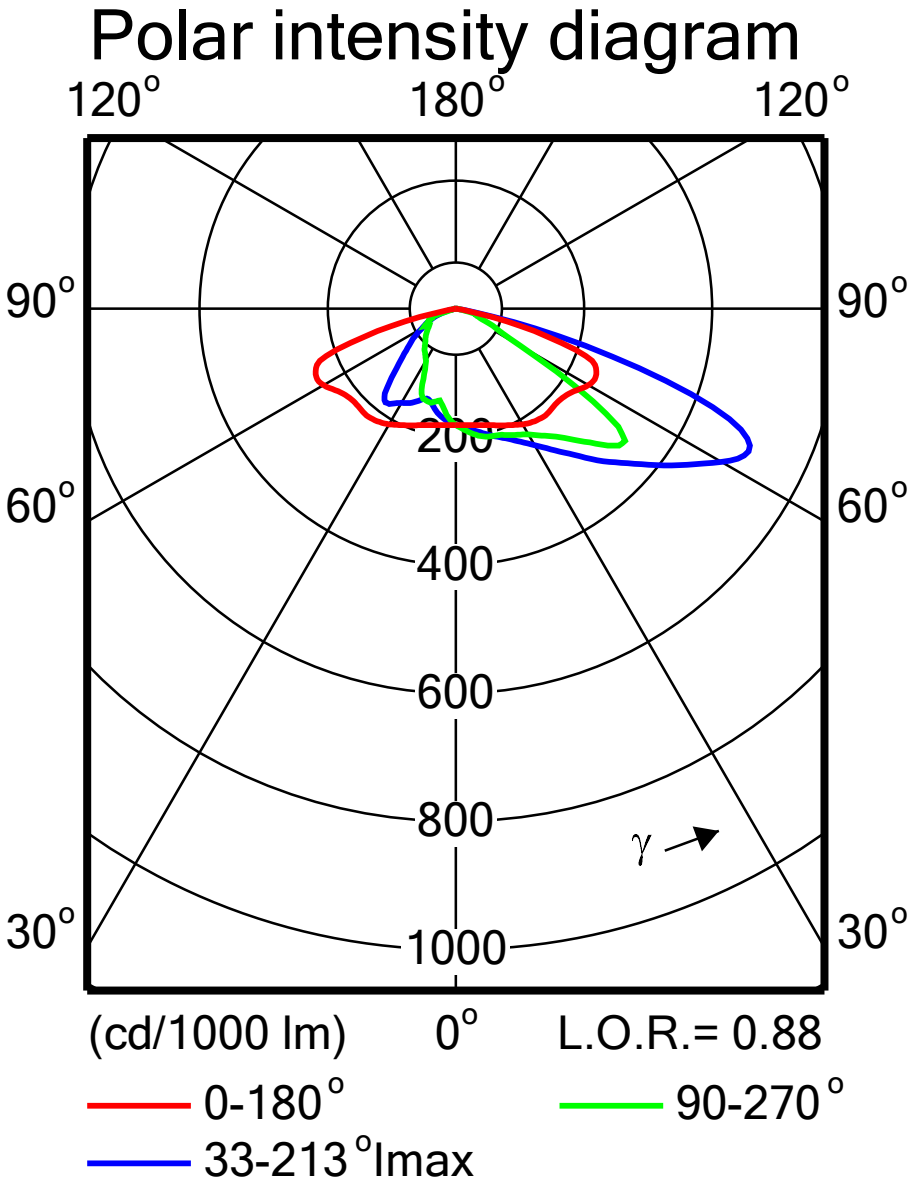
Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

Luminaire : BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux : 1 x 13500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux	: 1 x 13500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88



Luminaire	: BGP394 T25 1xLED139-CLO-4S/730 FP DW10
Lampflux	: 1 x 13500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 11880.0	lm
Power Consumption	= 84.0	W
Luminaire efficacy	= 141.4	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.6	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

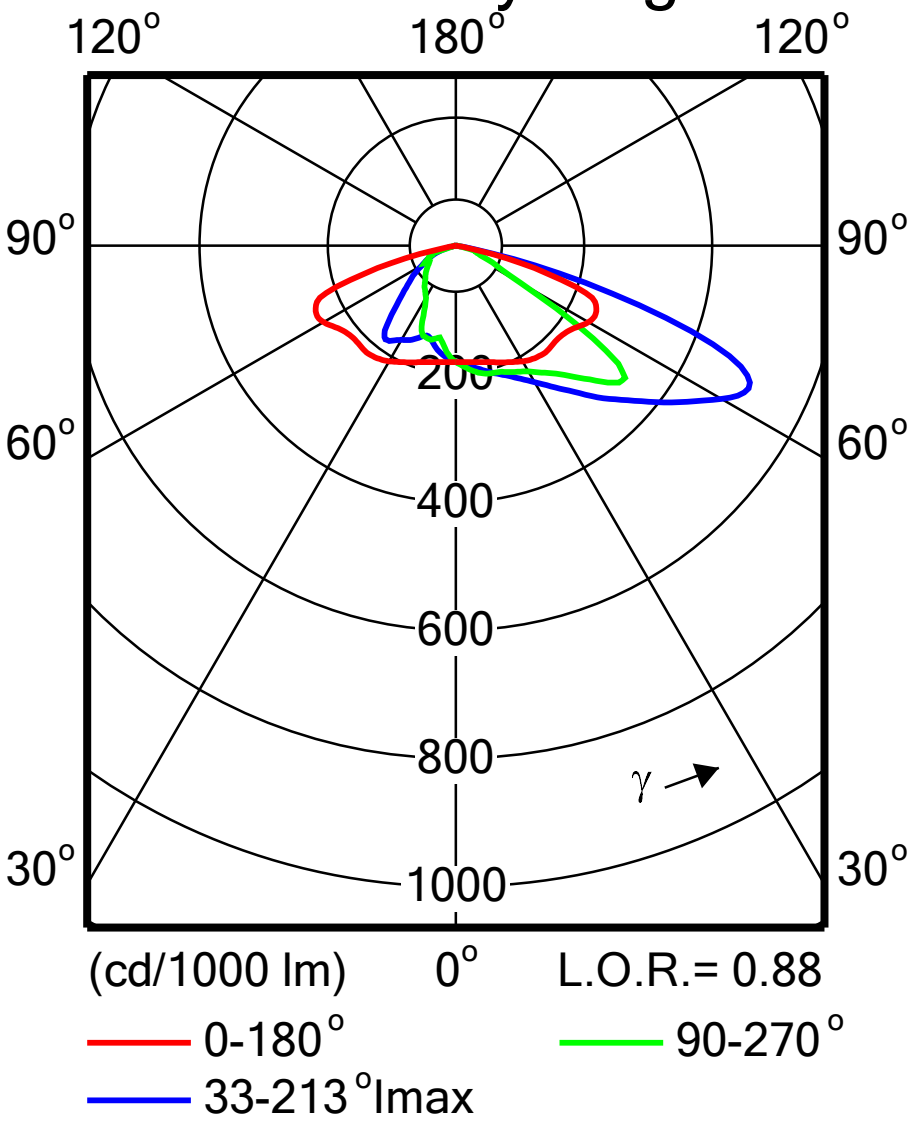
Luminaire : BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux : 1 x 14000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux	: 1 x 14000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED140-CLO-4S/730 FP DW10
Lampflux	: 1 x 14000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 12320.0	lm
Power Consumption	= 84.0	W
Luminaire efficacy	= 146.7	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.5	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

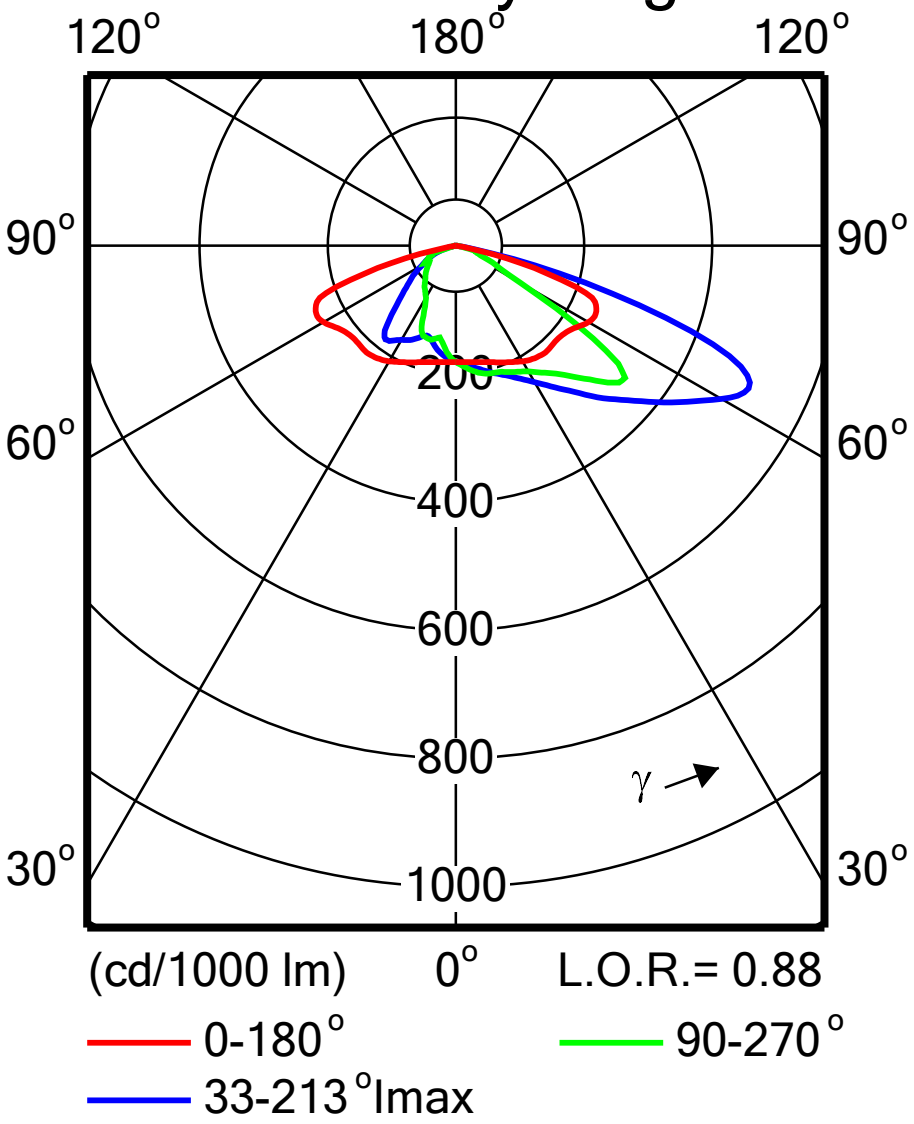
Luminaire : BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux	: 1 x 14500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED149-CLO-4S/730 FP DW10
Lampflux	: 1 x 14500 lm
Ballast	: FP
Measurement code	: LVE160622C
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Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 12760.0	lm
Power Consumption	= 90.0	W
Luminaire efficacy	= 141.8	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.5	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
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Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

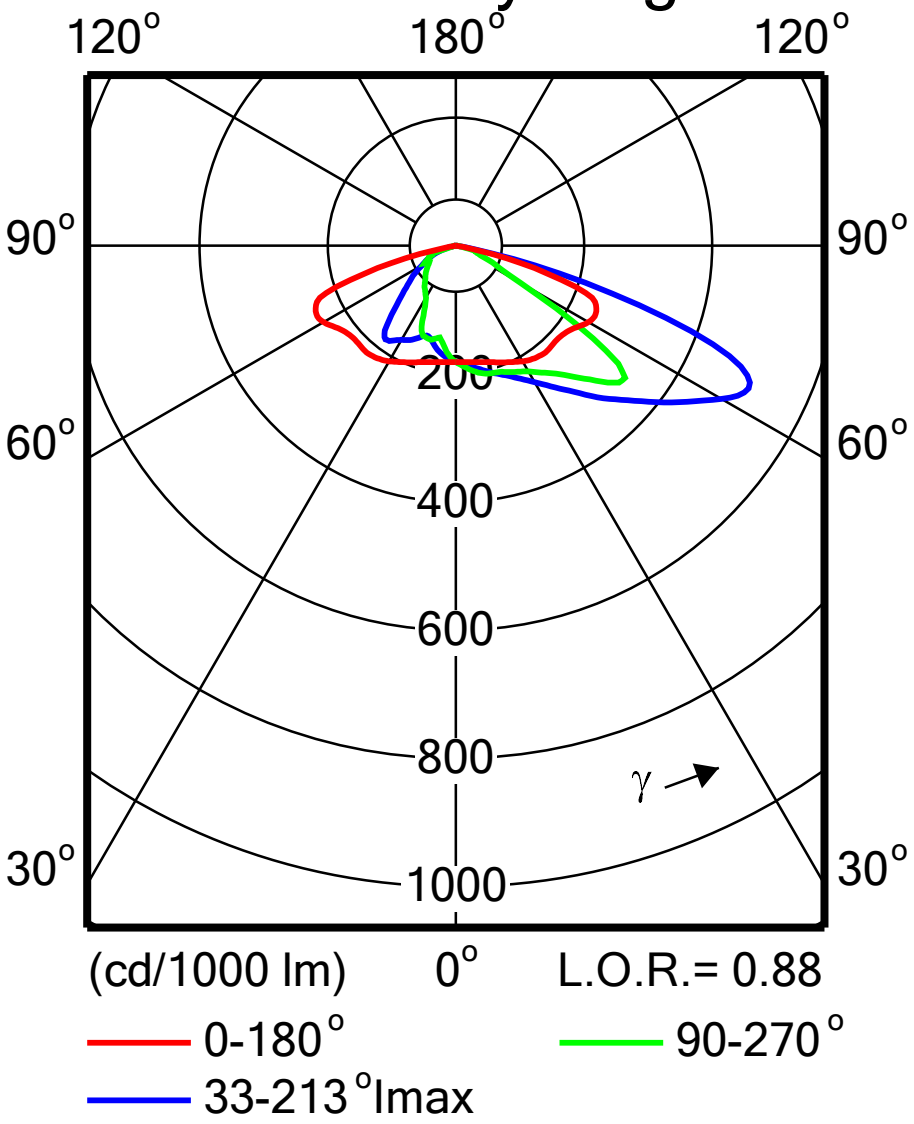
Luminaire : BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux : 1 x 14500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux	: 1 x 14500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED150-CLO-4S/730 FP DW10
Lampflux	: 1 x 14500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 12760.0	lm
Power Consumption	= 90.0	W
Luminaire efficacy	= 141.8	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.5	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
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Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

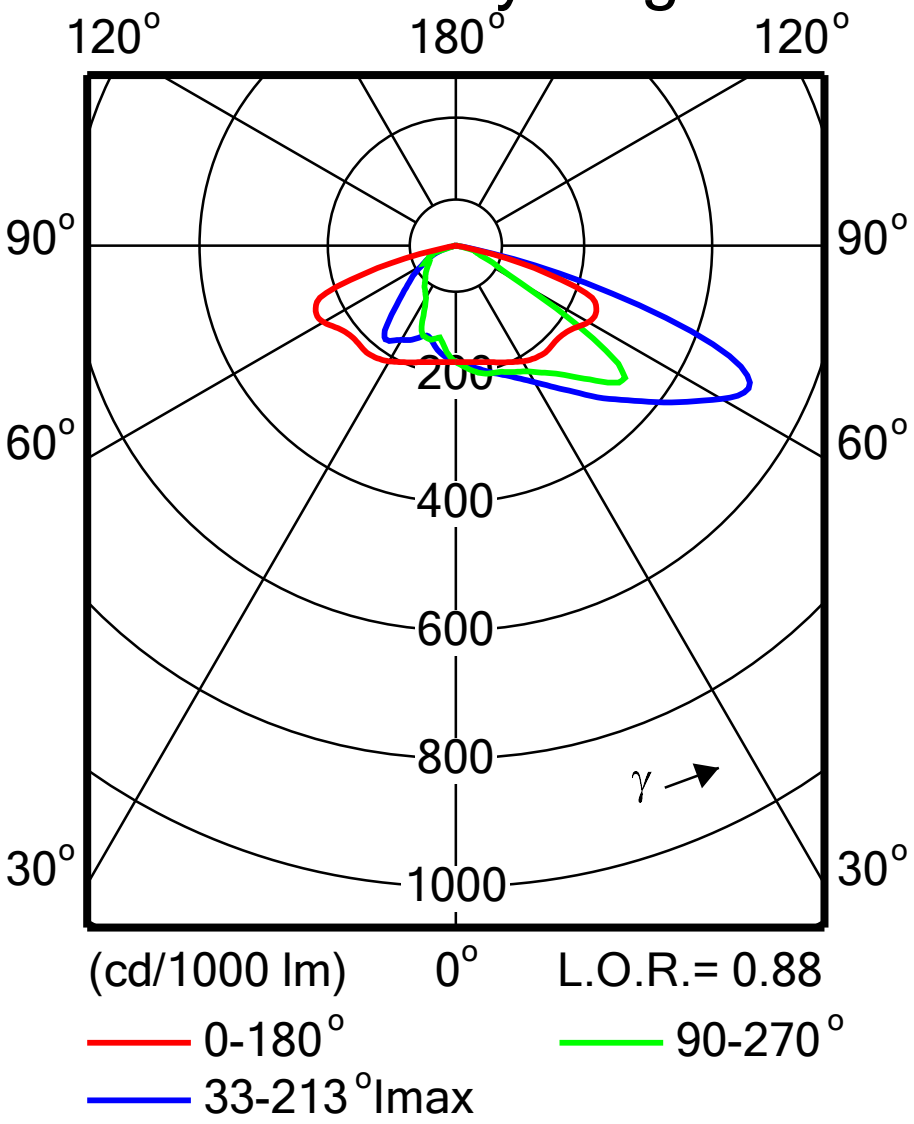
Luminaire : BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux : 1 x 15500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux	: 1 x 15500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED160-CLO-4S/730 FP DW10
Lampflux	: 1 x 15500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 13640.0	lm
Power Consumption	= 96.0	W
Luminaire efficacy	= 142.1	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.4	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

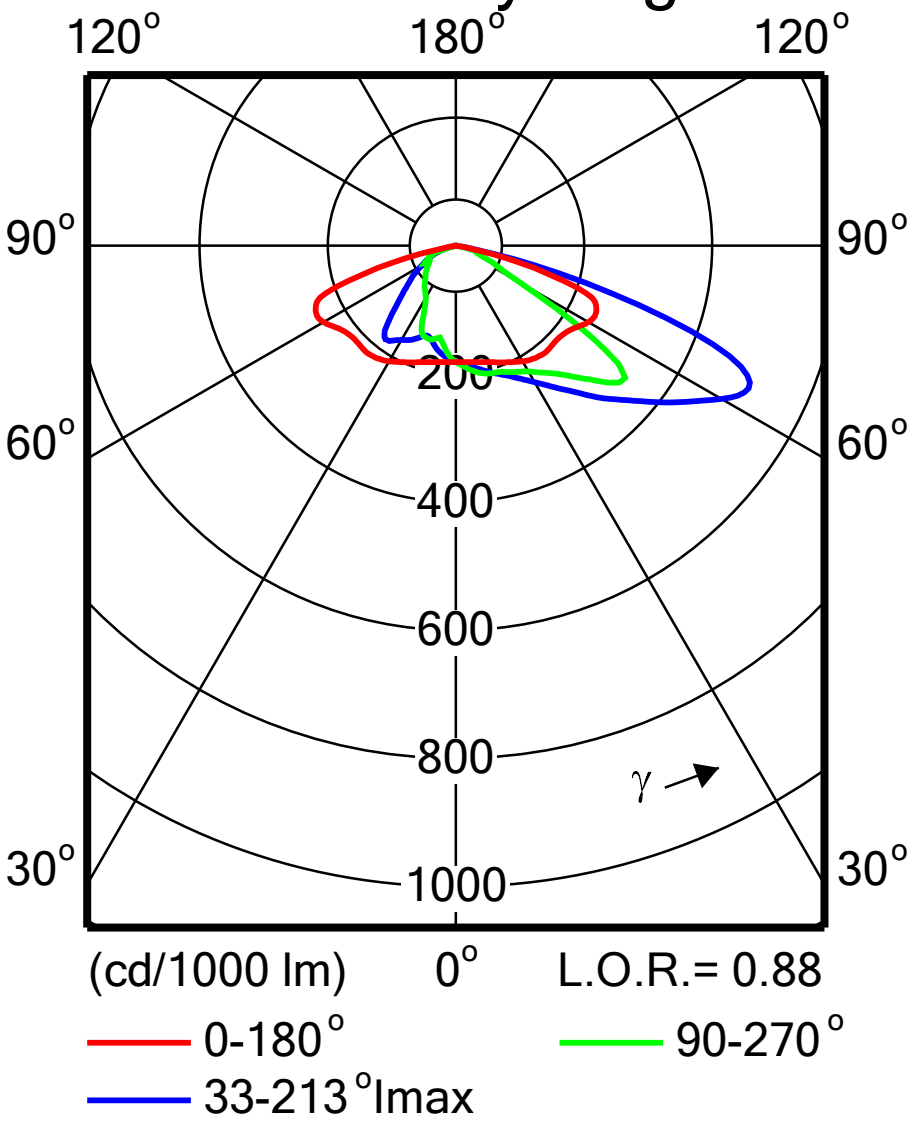
Luminaire : BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux : 1 x 17500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux	: 1 x 17500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED180-CLO-4S/730 FP DW10
Lampflux	: 1 x 17500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.244
Road side	= 0.641
Total	= 0.880

Flux and efficacy

Flux	= 15400.0	lm
Power Consumption	= 108.0	W
Luminaire efficacy	= 142.6	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.2	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.3	candela
I88	= 0.2	candela
Imax70	= 411.7	candela/1000 lumen (C = 30.0 deg)
Imax80	= 39.1	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.7	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux : 1 x 19500 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

Luminaire : BGP394 T25 1xLED200-CLO-4S/730 FP DW10
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Measurement code : LVE160622C
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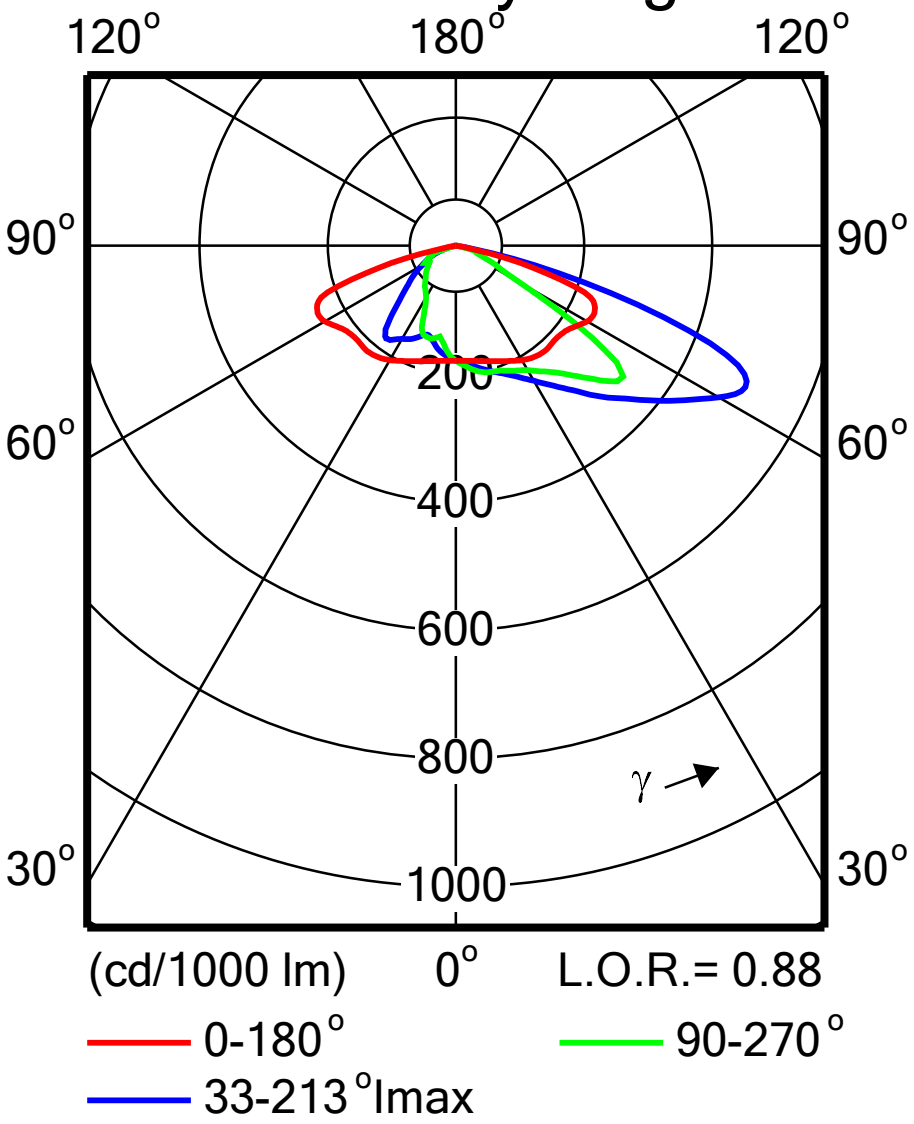
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux	: 1 x 19500 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED200-CLO-4S/730 FP DW10
Lampflux	: 1 x 19500 lm
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L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.241
Road side	= 0.635
Total	= 0.880

Flux and efficacy

Flux	= 17160.0	lm
Power Consumption	= 120.0	W
Luminaire efficacy	= 143.0	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.1	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.2	candela
I88	= 0.2	candela
Imax70	= 407.6	candela/1000 lumen (C = 30.0 deg)
Imax80	= 38.7	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
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Measurement code : LVE160622C
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Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

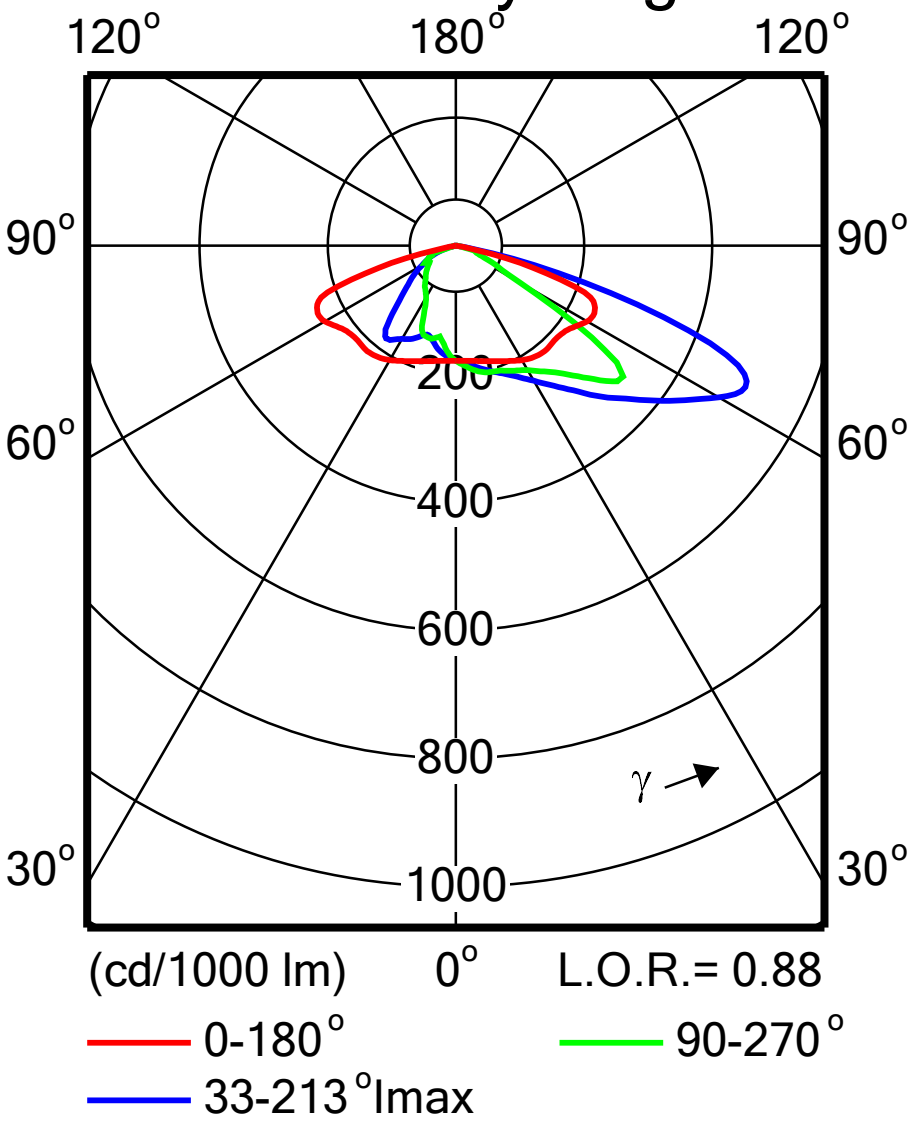
Luminaire : BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux : 1 x 21000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.88

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux	: 1 x 21000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED220-CLO-4S/730 FP DW10
Lampflux	: 1 x 21000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.88

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.880
Total	= 0.880
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.241
Road side	= 0.635
Total	= 0.880

Flux and efficacy

Flux	= 18480.0	lm
Power Consumption	= 132.0	W
Luminaire efficacy	= 140.0	lm/W

Indoor:

CIE codes: 34 73 98 100 88

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 6.0	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.2	candela
I88	= 0.2	candela
Imax70	= 407.6	candela/1000 lumen (C = 30.0 deg)
Imax80	= 38.7	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
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Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux : 1 x 23000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

Luminaire : BGP394 T25 1xLED240-CLO-4S/730 FP DW10
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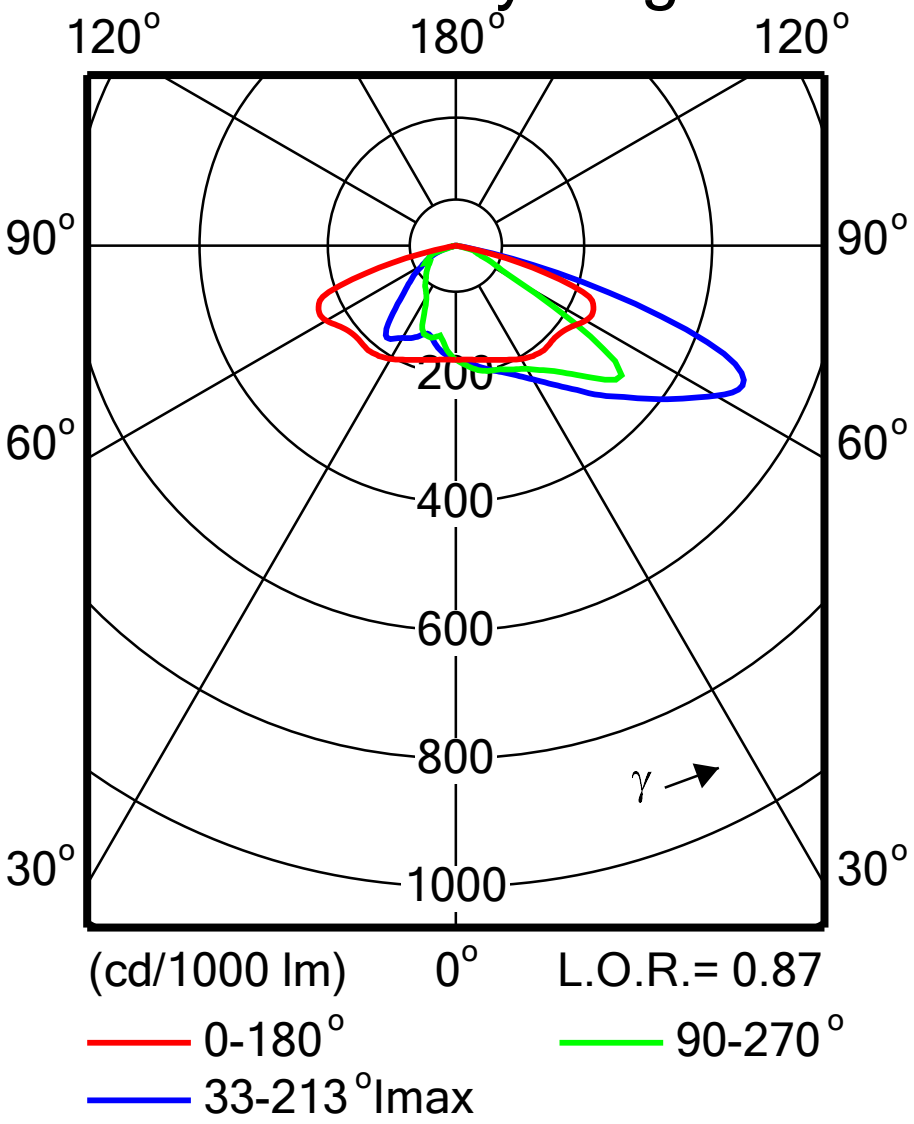
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED240-CLO-4S/730 FP DW10
Lampflux	: 1 x 23000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.87

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED240-CLO-4S/730 FP DW10
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L.O.R.	: 0.87

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.870
Total	= 0.870
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.239
Road side	= 0.628
Total	= 0.870

Flux and efficacy

Flux	= 20010.0	lm
Power Consumption	= 146.0	W
Luminaire efficacy	= 137.1	lm/W

Indoor:

CIE codes: 34 73 98 100 87

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.8	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.1	candela
I88	= 0.2	candela
Imax70	= 403.4	candela/1000 lumen (C = 30.0 deg)
Imax80	= 38.3	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
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Measurement code : LVE160622C
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Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

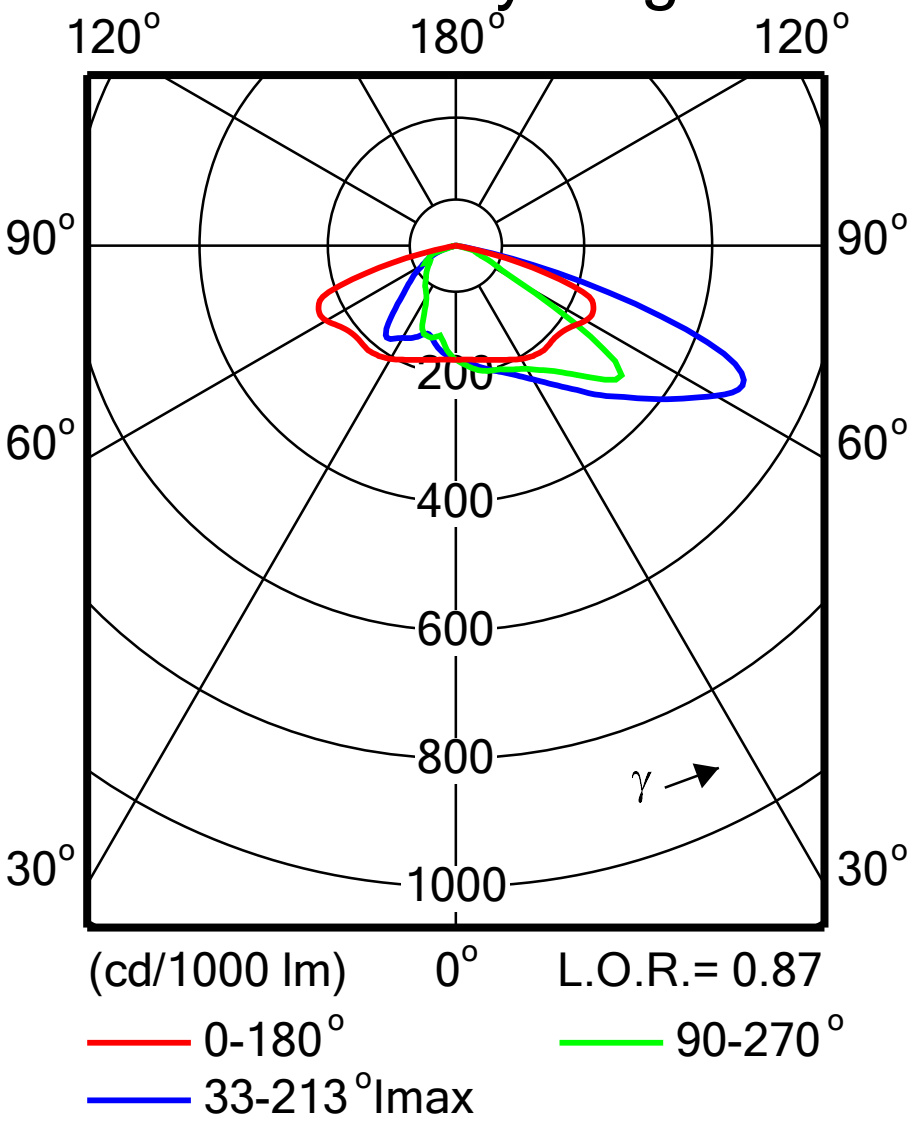
Luminaire : BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux : 1 x 25000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux	: 1 x 25000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.87

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED260-CLO-4S/730 FP DW10
Lampflux	: 1 x 25000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.87

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.870
Total	= 0.870
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.239
Road side	= 0.628
Total	= 0.870

Flux and efficacy

Flux	= 21750.0	lm
Power Consumption	= 156.0	W
Luminaire efficacy	= 139.4	lm/W

Indoor:

CIE codes: 34 73 98 100 87

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.7	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.1	candela
I88	= 0.2	candela
Imax70	= 403.4	candela/1000 lumen (C = 30.0 deg)
Imax80	= 38.3	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

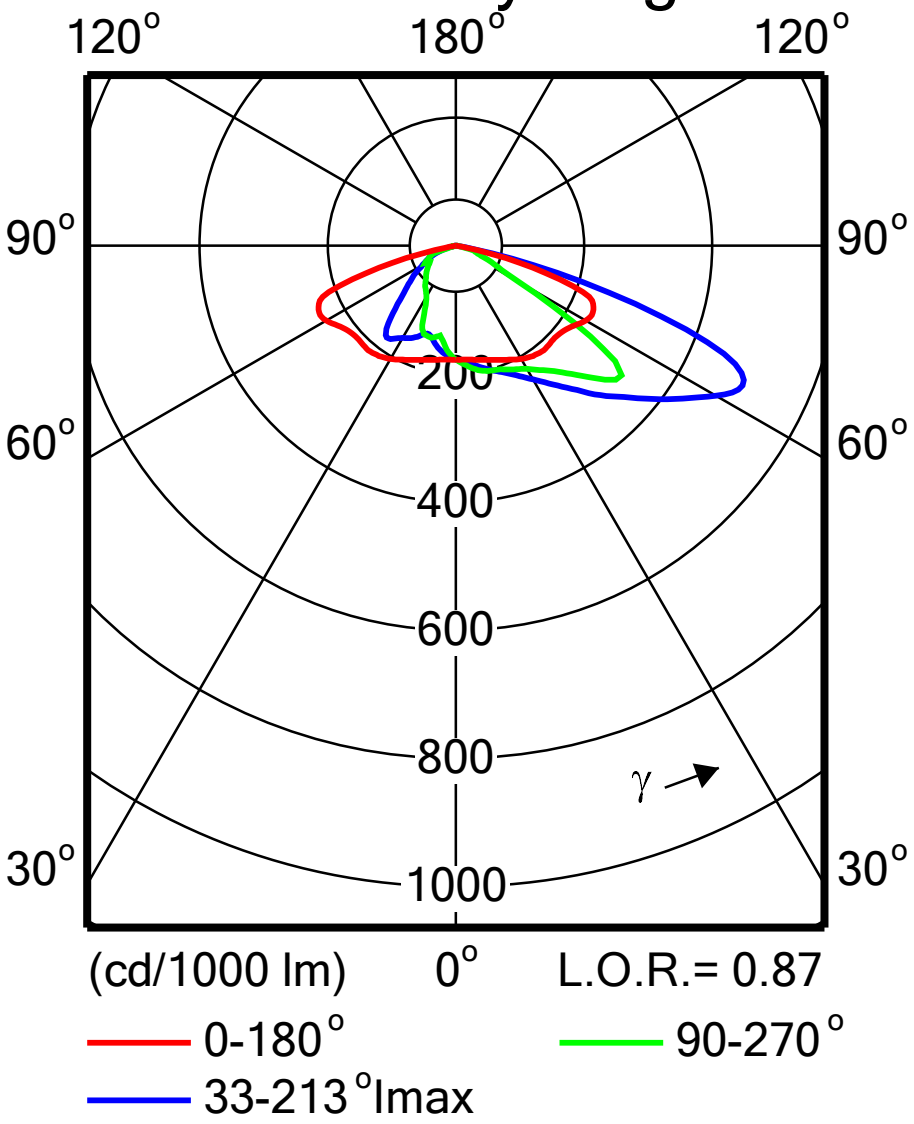
Luminaire : BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux : 1 x 27000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.87

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux	: 1 x 27000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.87

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED280-CLO-4S/730 FP DW10
Lampflux	: 1 x 27000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.87

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.870
Total	= 0.870
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.239
Road side	= 0.628
Total	= 0.870

Flux and efficacy

Flux	= 23490.0	lm
Power Consumption	= 170.0	W
Luminaire efficacy	= 138.2	lm/W

Indoor:

CIE codes: 34 73 98 100 87

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.6	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.1	candela
I88	= 0.2	candela
Imax70	= 403.4	candela/1000 lumen (C = 30.0 deg)
Imax80	= 38.3	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

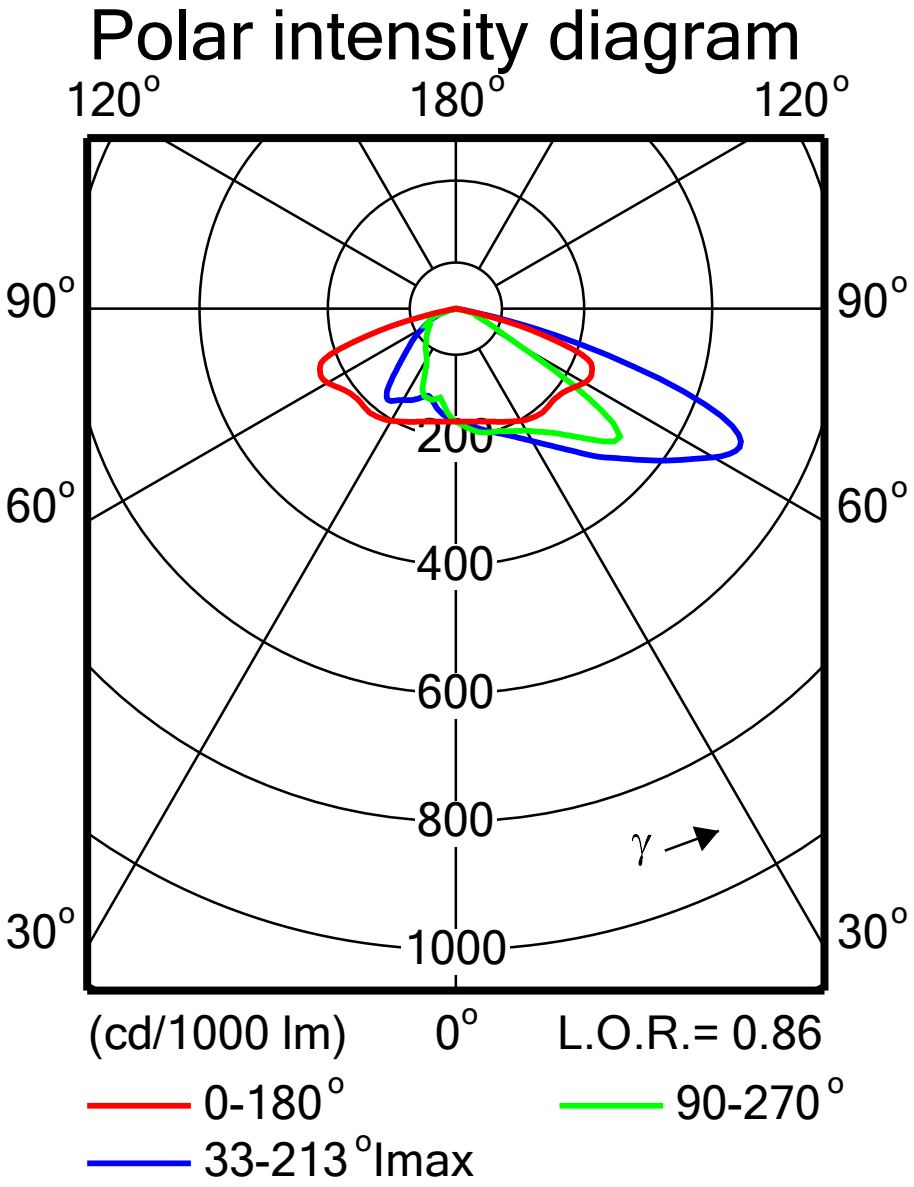
Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

Luminaire : BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux : 1 x 29000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux	: 1 x 29000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86



Luminaire	: BGP394 T25 1xLED300-CLO-4S/730 FP DW10
Lampflux	: 1 x 29000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.860
Total	= 0.860
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.236
Road side	= 0.622
Total	= 0.860

Flux and efficacy

Flux	= 24940.0	lm
Power Consumption	= 184.0	W
Luminaire efficacy	= 135.5	lm/W

Indoor:

CIE codes: 34 73 98 100 86

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.5	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.0	candela
I88	= 0.2	candela
Imax70	= 399.3	candela/1000 lumen (C = 30.0 deg)
Imax80	= 37.9	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
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Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

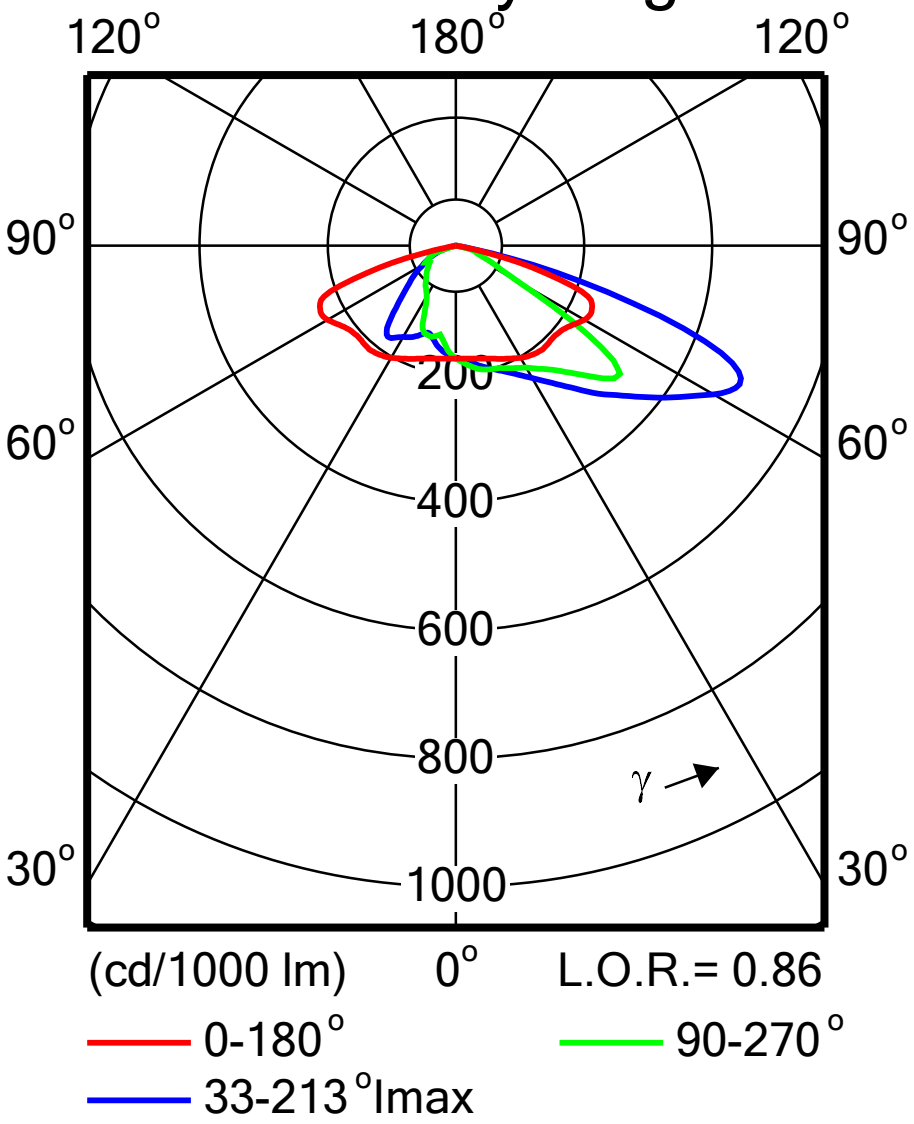
Luminaire : BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux : 1 x 30000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux	: 1 x 30000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED320-CLO-4S/730 FP DW10
Lampflux	: 1 x 30000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.860
Total	= 0.860
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.236
Road side	= 0.622
Total	= 0.860

Flux and efficacy

Flux	= 25800.0	lm
Power Consumption	= 194.0	W
Luminaire efficacy	= 133.0	lm/W

Indoor:

CIE codes: 34 73 98 100 86

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.5	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.0	candela
I88	= 0.2	candela
Imax70	= 399.3	candela/1000 lumen (C = 30.0 deg)
Imax80	= 37.9	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
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Measurement code : LVE160622C
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Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

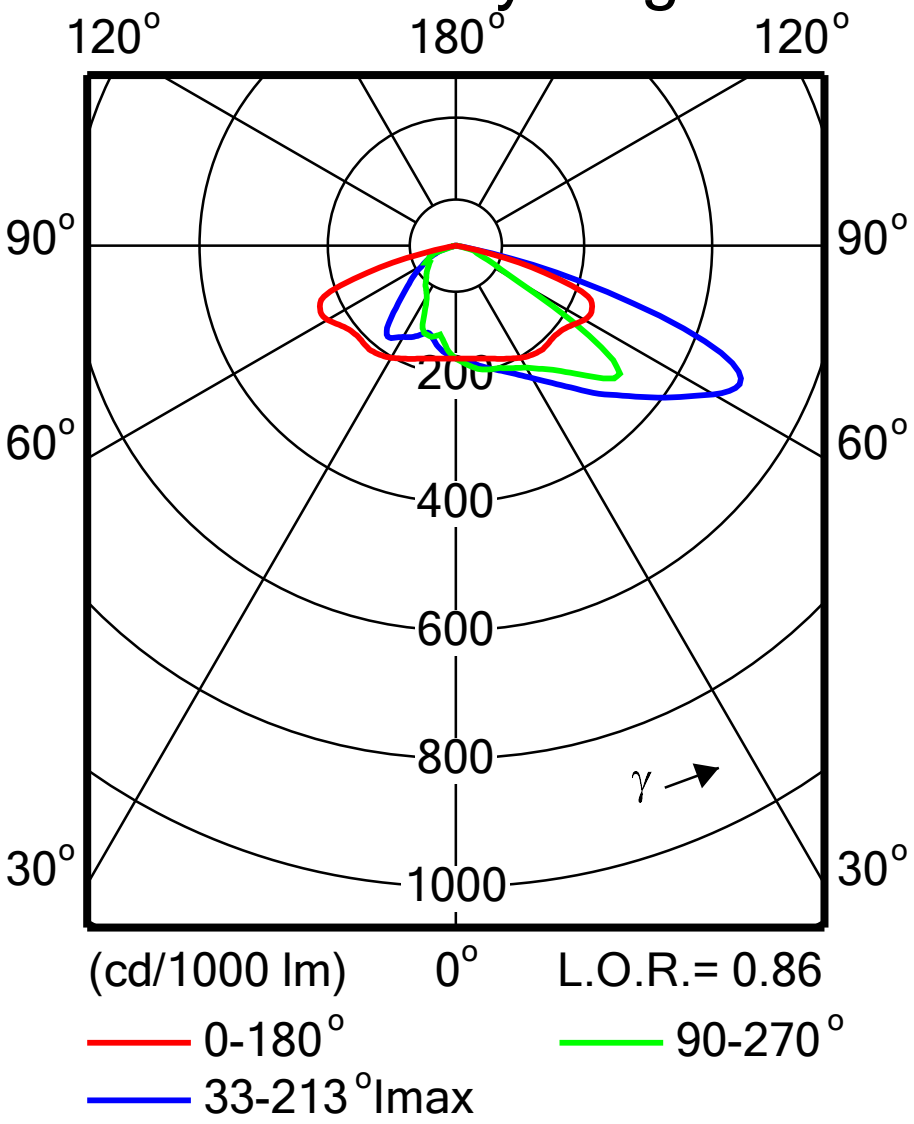
Luminaire : BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux : 1 x 33000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.86

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire	: BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux	: 1 x 33000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86

Polar intensity diagram



Luminaire	: BGP394 T25 1xLED340-CLO-4S/730 FP DW10
Lampflux	: 1 x 33000 lm
Ballast	: FP
Measurement code	: LVE160622C
Measurement date	: 2019-07-04
Measurement status	: Released
L.O.R.	: 0.86

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.860
Total	= 0.860
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.236
Road side	= 0.622
Total	= 0.860

Flux and efficacy

Flux	= 28380.0	lm
Power Consumption	= 200.0	W
Luminaire efficacy	= 141.9	lm/W

Indoor:

CIE codes: 34 73 98 100 86

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.3	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 9.0	candela
I88	= 0.2	candela
Imax70	= 399.3	candela/1000 lumen (C = 30.0 deg)
Imax80	= 37.9	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.6	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	188.4	188.5	188.5	188.4	188.4	188.3	188.2	188.2	188.1	188.1	188.0	187.8	187.8
5.0	193.4	193.4	193.5	193.4	193.4	193.2	193.1	193.0	192.8	192.7	192.5	192.4	192.2
7.5	198.5	198.4	198.5	198.4	198.4	198.2	198.1	198.0	197.8	197.7	197.5	197.3	197.0
10.0	203.1	202.9	203.0	202.9	202.8	202.8	202.6	202.7	202.5	202.4	202.2	202.1	201.8
12.5	206.3	206.2	206.5	206.3	206.3	206.2	206.2	206.3	206.2	206.4	206.2	206.3	206.1
15.0	208.5	208.5	209.0	208.7	208.9	208.9	209.1	209.3	209.5	209.9	210.0	210.4	210.4
17.5	209.6	209.8	210.4	210.1	210.4	210.4	210.9	211.2	211.7	212.5	213.1	213.9	214.4
20.0	211.5	211.6	212.0	211.8	212.0	212.1	212.5	212.9	213.7	214.6	215.6	216.6	217.4
22.5	215.4	215.3	215.5	215.5	215.6	215.8	216.2	216.8	217.6	218.6	219.5	220.4	221.1
25.0	219.5	219.5	219.8	219.9	220.2	220.7	221.3	222.1	223.1	224.1	225.0	225.8	226.4
27.5	223.6	223.7	224.0	224.3	225.0	225.7	226.8	228.0	229.2	230.5	231.4	232.3	233.0
30.0	228.8	228.7	229.0	229.5	230.2	231.5	232.9	234.6	236.0	237.5	238.7	239.9	240.8
32.5	236.3	236.2	236.5	237.3	238.1	240.0	241.6	243.8	245.5	247.3	248.5	249.9	250.8
35.0	244.4	244.3	244.8	245.9	246.8	249.4	251.4	254.2	256.3	258.8	260.1	261.7	262.8
37.5	253.5	253.5	254.4	255.5	256.3	259.5	262.0	265.4	268.2	271.4	272.6	274.1	275.4
40.0	265.9	266.0	267.0	268.0	268.1	271.9	274.1	278.6	281.8	284.9	285.5	286.7	288.3
42.5	281.0	281.1	281.7	282.8	283.2	287.2	289.9	296.1	299.2	301.5	300.2	300.1	301.4
45.0	298.3	298.6	298.3	300.0	300.6	305.0	308.7	316.7	319.1	320.8	318.0	316.2	316.5
46.0	306.0	306.3	305.6	307.6	308.1	312.7	317.0	325.5	327.3	328.9	325.5	323.1	323.0
47.0	314.1	314.0	312.9	314.7	315.5	320.4	325.2	333.4	335.6	336.9	333.0	330.4	330.4
48.0	322.2	321.7	320.1	321.8	323.0	328.0	333.5	341.4	343.8	344.8	340.6	337.6	337.7
49.0	329.0	328.1	326.1	327.2	328.8	333.7	338.9	346.1	349.3	350.6	347.3	345.2	345.7
50.0	335.8	334.6	332.1	332.6	334.6	339.4	344.3	350.7	354.7	356.5	354.0	352.7	353.7
51.0	337.0	336.3	334.7	334.1	336.8	341.3	346.3	351.7	356.1	358.9	358.8	359.2	361.2
52.0	338.2	338.1	337.4	335.6	339.1	343.2	348.3	352.7	357.5	361.4	363.6	365.6	368.7
53.0	327.2	328.6	330.9	327.6	333.9	337.5	344.8	348.5	354.9	359.7	365.0	368.9	374.2
54.0	316.3	319.2	324.4	319.6	328.6	331.7	341.4	344.3	352.3	358.0	366.4	372.2	379.8
55.0	288.6	292.9	301.9	295.9	309.0	312.2	326.6	329.9	342.2	349.4	362.1	370.1	381.1
56.0	261.0	266.7	279.5	272.2	289.3	292.7	311.7	315.4	332.1	340.8	357.7	368.0	382.4
57.0	223.6	229.9	244.1	237.2	256.2	260.3	282.4	287.1	308.9	320.5	343.8	357.5	376.7
58.0	186.3	193.0	208.8	202.2	223.0	227.8	253.1	258.8	285.8	300.3	329.9	347.0	371.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0	112.5	115.0	117.5	120.0
59.0	149.2	155.8	170.2	165.3	185.4	191.0	216.3	222.7	254.0	272.3	309.5	330.9	360.7
60.0	118.1	122.7	135.6	132.2	150.9	157.4	180.0	185.7	216.7	236.1	278.4	303.7	341.3
61.0	96.5	99.6	108.9	107.1	122.7	129.2	148.3	153.2	181.4	201.1	242.6	269.6	314.5
62.0	83.7	85.5	91.4	90.8	102.3	107.8	121.6	125.6	151.1	168.6	207.3	232.6	280.8
63.0	76.1	77.7	81.6	82.1	89.7	93.7	102.0	105.5	126.6	142.2	175.4	198.9	245.1
64.0	69.8	71.1	75.0	76.3	82.1	83.4	88.4	90.8	106.8	118.5	146.4	167.4	210.2
65.0	63.6	65.0	69.1	70.7	75.4	74.5	78.7	80.5	91.9	99.6	121.7	139.4	177.1
66.0	55.9	57.8	63.0	64.4	67.9	66.1	70.5	72.2	80.4	85.1	101.7	115.1	146.6
67.0	48.9	50.3	55.6	56.4	58.6	56.8	62.6	64.0	70.5	73.0	85.2	94.5	119.9
68.0	43.8	45.2	49.9	49.9	50.3	49.6	54.3	55.2	60.8	62.4	72.4	78.1	97.7
69.0	40.3	41.6	45.4	44.6	44.2	44.3	48.2	48.8	52.8	54.0	60.3	64.4	79.5
70.0	37.2	38.3	41.4	39.9	40.0	40.1	43.4	43.5	47.1	47.9	52.3	54.3	63.9
71.0	35.0	35.7	37.9	36.3	36.5	36.8	39.3	39.3	42.3	42.8	46.6	47.9	53.5
72.0	33.7	34.2	35.3	34.1	34.3	34.4	35.8	35.8	38.6	38.8	41.8	42.8	47.3
73.0	32.2	32.5	33.4	32.5	32.8	32.8	33.6	33.6	35.6	35.8	38.0	38.9	42.6
74.0	31.0	31.2	31.6	30.9	31.4	31.1	31.9	31.8	33.4	33.3	35.0	35.8	38.9
75.0	29.1	29.5	30.2	29.4	30.1	29.6	30.4	30.5	31.9	31.5	32.9	34.0	36.1
76.0	21.0	22.9	26.6	24.6	27.7	27.0	28.8	29.0	30.6	30.5	31.5	32.3	34.2
77.0	13.0	13.9	16.5	14.9	19.6	19.4	25.7	26.1	28.3	28.1	29.9	30.0	31.6
78.0	10.0	10.3	11.3	10.7	12.2	11.9	17.2	19.2	24.0	23.7	26.9	26.0	27.5
79.0	8.2	8.4	9.2	8.8	9.5	9.2	10.9	12.2	18.1	18.5	21.5	20.5	22.1
80.0	6.9	6.9	7.6	7.3	8.0	7.7	8.5	8.5	11.9	13.9	16.7	16.1	17.1
81.0	5.7	5.7	6.2	6.0	6.6	6.3	7.0	6.7	8.1	9.7	12.6	12.3	13.6
82.0	4.6	4.8	5.1	4.9	5.3	5.1	5.7	5.3	6.0	6.7	9.5	9.1	10.5
83.0	3.7	3.8	4.1	3.9	4.4	4.2	4.5	4.2	4.7	4.8	6.7	6.4	7.5
84.0	2.8	3.0	3.3	3.1	3.6	3.4	3.6	3.3	3.7	3.7	4.6	4.3	5.2
85.0	2.0	2.1	2.5	2.3	2.6	2.3	2.7	2.3	2.7	2.5	3.0	2.9	3.7
86.0	1.3	1.4	1.8	1.5	1.7	1.5	1.7	1.5	1.8	1.6	2.0	1.8	2.3
87.0	0.8	0.9	1.1	0.9	1.0	0.9	1.0	0.9	1.1	0.9	1.1	0.9	1.1
88.0	0.5	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.5
89.0	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	187.7	187.6	187.5	187.3	187.2	187.1	186.9	186.8	186.7	186.4	186.3	186.1	185.9
5.0	192.0	191.8	191.5	191.2	190.9	190.7	190.4	190.0	189.7	189.3	189.0	188.5	188.2
7.5	196.8	196.4	196.0	195.6	195.3	194.8	194.3	193.9	193.3	192.9	192.3	191.8	191.2
10.0	201.5	201.1	200.7	200.2	199.9	199.3	198.9	198.3	197.8	197.1	196.5	195.9	195.1
12.5	206.1	205.8	205.5	205.2	204.8	204.3	204.0	203.4	202.9	202.1	201.4	200.4	199.6
15.0	210.6	210.5	210.5	210.3	209.9	209.6	209.1	208.5	207.8	207.0	206.2	205.2	204.1
17.5	215.0	215.1	215.3	215.2	214.9	214.6	214.0	213.6	212.9	212.1	211.1	210.1	208.9
20.0	218.4	218.9	219.5	219.7	219.8	219.8	219.3	219.0	218.3	217.5	216.5	215.7	214.2
22.5	221.9	222.6	223.5	224.2	224.7	225.2	225.1	225.1	224.3	223.9	222.6	222.1	220.4
25.0	227.0	227.7	228.4	229.3	229.9	230.8	231.2	231.7	231.3	231.3	230.1	229.6	227.7
27.5	233.6	234.4	235.2	236.0	236.6	237.7	238.4	239.3	239.4	239.6	238.7	238.1	236.2
30.0	241.7	242.5	243.4	244.5	245.3	246.6	247.4	248.5	248.8	249.1	248.4	247.9	246.0
32.5	251.9	252.9	254.1	255.3	256.4	257.7	258.5	259.5	259.8	260.1	259.7	259.4	257.8
35.0	264.5	265.9	267.5	268.8	269.8	270.7	271.5	272.3	272.8	273.1	272.6	272.2	270.5
37.5	277.9	280.1	282.6	284.1	285.3	285.8	286.3	286.7	287.2	287.4	286.8	285.9	284.0
40.0	291.7	295.0	298.2	300.6	302.8	303.7	304.3	304.0	304.1	303.8	303.1	301.4	299.1
42.5	305.2	308.9	312.9	316.4	319.8	321.7	323.5	323.9	324.3	323.9	323.2	321.2	318.6
45.0	320.3	323.5	328.0	331.3	335.0	337.5	340.5	341.8	342.8	342.3	341.8	339.6	336.7
46.0	326.9	330.0	334.6	337.6	341.3	343.7	347.1	348.6	349.7	349.2	348.7	346.5	343.4
47.0	334.1	337.2	341.8	345.0	348.8	351.1	354.4	355.9	357.1	356.7	356.4	354.2	351.1
48.0	341.4	344.4	349.1	352.4	356.3	358.4	361.8	363.2	364.6	364.2	364.1	361.9	358.7
49.0	349.5	352.4	356.8	360.0	364.2	366.7	370.2	371.6	373.2	372.9	372.9	370.7	367.4
50.0	357.6	360.3	364.5	367.6	372.1	375.0	378.7	380.0	381.9	381.5	381.6	379.5	376.1
51.0	365.6	368.8	372.8	375.7	380.0	382.9	387.0	389.0	391.3	391.0	391.1	388.7	385.1
52.0	373.6	377.3	381.1	383.7	387.9	390.7	395.4	398.0	400.6	400.4	400.6	398.0	394.1
53.0	380.1	384.6	389.1	392.3	396.4	398.8	403.6	406.7	409.9	410.0	410.4	407.7	403.4
54.0	386.5	392.0	397.0	400.9	404.9	406.9	411.8	415.4	419.2	419.6	420.2	417.4	412.7
55.0	389.1	396.5	402.7	408.3	413.3	415.7	420.7	424.1	428.4	429.1	430.0	427.1	422.6
56.0	391.8	401.1	408.4	415.7	421.6	424.5	429.5	432.9	437.6	438.5	439.7	436.8	432.5
57.0	388.2	401.0	410.3	420.2	427.5	432.2	438.1	442.3	447.5	448.6	450.0	447.4	443.3
58.0	384.6	401.0	412.2	424.7	433.5	440.0	446.6	451.6	457.4	458.6	460.3	458.0	454.1

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	122.5	125.0	127.5	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5
59.0	377.1	398.0	411.7	427.1	437.7	446.6	454.4	460.9	467.6	469.4	471.6	469.2	464.9
60.0	362.1	388.9	405.9	425.6	438.6	450.5	460.4	469.2	477.5	480.8	483.2	480.2	474.3
61.0	340.8	375.2	395.5	420.1	436.1	451.9	464.1	476.1	486.2	491.2	494.0	490.1	482.4
62.0	311.2	354.8	378.9	409.9	428.7	449.9	465.0	480.8	493.2	500.1	503.3	498.9	489.2
63.0	277.3	327.4	356.6	394.2	416.4	443.4	461.7	482.1	496.9	506.5	510.1	505.7	494.3
64.0	239.8	292.3	325.1	371.3	396.8	431.0	453.0	479.4	496.5	509.5	513.1	509.7	496.8
65.0	204.0	254.5	288.5	340.4	370.6	411.9	438.2	470.7	490.5	507.6	511.0	509.3	495.9
66.0	171.4	216.3	250.3	303.5	337.5	385.4	416.0	454.5	477.2	499.2	503.0	503.8	490.1
67.0	140.3	181.5	211.0	263.3	297.7	351.3	384.7	430.2	454.6	483.0	487.8	492.3	478.8
68.0	114.0	150.6	177.0	224.3	257.7	311.9	346.5	397.8	424.0	458.1	464.9	474.0	461.5
69.0	92.2	122.7	147.4	189.3	219.7	270.1	303.6	357.3	385.5	424.4	433.4	448.5	438.1
70.0	73.1	98.7	119.9	158.8	185.8	230.5	259.3	311.4	340.1	383.4	394.1	415.9	409.8
71.0	58.9	77.6	95.7	131.1	156.8	195.9	219.5	263.7	291.7	336.8	350.0	377.7	379.1
72.0	50.7	61.7	73.5	104.0	127.8	165.0	184.3	220.1	243.4	288.1	303.5	337.2	347.1
73.0	45.1	52.6	59.7	78.9	99.4	135.9	153.1	183.4	200.3	240.9	257.8	296.8	312.0
74.0	41.1	46.8	51.0	62.3	74.6	105.9	122.1	151.3	162.4	196.1	212.4	254.4	270.8
75.0	38.1	42.9	46.1	53.0	60.7	80.0	94.1	121.7	130.5	156.0	168.9	209.4	226.2
76.0	34.9	39.1	41.5	47.4	52.3	63.9	73.1	93.9	100.1	120.2	128.7	165.0	182.2
77.0	31.1	34.2	35.3	41.7	44.9	53.9	57.7	69.7	70.8	88.4	93.4	123.3	136.5
78.0	26.1	28.4	28.3	34.0	35.6	43.1	42.3	49.2	47.2	59.2	59.3	81.8	89.1
79.0	20.4	22.2	21.2	24.9	24.7	30.6	28.9	33.2	29.0	33.7	31.2	44.7	48.7
80.0	15.4	16.5	14.9	16.8	15.7	19.8	18.2	20.6	16.4	18.0	15.3	21.0	23.0
81.0	12.1	12.1	10.6	11.3	10.8	12.4	10.9	12.4	10.2	10.8	9.3	11.1	12.0
82.0	9.0	9.1	8.2	8.5	7.2	7.4	6.1	7.2	6.6	7.3	6.3	7.2	7.3
83.0	6.6	7.0	6.1	5.6	4.6	4.9	4.4	4.8	4.5	5.1	4.3	4.8	4.4
84.0	4.6	5.0	3.8	3.8	3.3	3.5	3.0	3.3	3.0	3.4	2.8	3.0	2.5
85.0	3.1	3.4	2.7	2.8	2.2	2.3	1.9	2.2	1.8	1.9	1.5	1.7	1.3
86.0	1.8	2.1	1.6	1.7	1.3	1.5	1.1	1.3	1.0	1.0	0.8	0.9	0.7
87.0	0.8	1.1	0.8	0.9	0.7	0.7	0.6	0.7	0.5	0.6	0.4	0.6	0.4
88.0	0.4	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	185.8	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.1	183.8	183.6	183.3	183.1
5.0	187.9	187.6	187.3	186.9	186.5	186.2	185.7	185.3	184.9	184.4	184.0	183.5	183.0
7.5	190.7	190.1	189.6	189.0	188.5	187.9	187.5	186.9	186.3	185.7	184.9	184.1	183.2
10.0	194.4	193.6	192.9	192.1	191.4	190.7	189.9	189.1	188.4	187.5	186.4	185.3	184.1
12.5	198.4	197.6	196.5	195.7	194.6	193.8	192.7	191.8	190.7	189.3	188.2	186.6	185.2
15.0	202.9	201.9	200.5	199.6	198.2	197.2	195.9	194.8	193.4	191.6	190.1	188.2	186.4
17.5	207.7	206.3	204.9	203.6	202.3	201.0	199.6	198.0	196.4	194.4	192.5	190.4	188.1
20.0	212.9	211.2	209.9	208.3	206.9	205.3	203.8	201.9	200.2	197.8	195.6	193.2	190.3
22.5	219.3	217.2	216.0	213.9	212.7	210.5	208.9	206.3	204.3	201.7	199.0	196.2	192.5
25.0	226.7	224.2	222.9	220.2	218.9	216.2	214.3	211.2	208.9	205.8	202.4	199.2	194.2
27.5	234.8	232.4	230.7	227.6	225.8	222.7	220.4	216.9	213.9	210.4	206.4	202.1	195.5
30.0	244.6	241.9	240.1	236.7	234.3	230.5	227.4	223.3	219.7	215.5	210.5	204.4	196.2
32.5	256.2	253.3	250.9	247.0	243.7	239.1	235.0	230.2	225.6	220.4	213.8	205.6	195.7
35.0	268.7	265.4	262.3	258.0	253.8	248.5	243.4	237.6	231.7	225.0	216.4	206.2	194.7
37.5	281.7	278.3	274.7	269.8	264.8	258.5	252.2	245.2	237.9	229.3	218.3	205.9	192.6
40.0	296.2	292.5	288.3	283.0	277.1	269.9	262.1	253.7	244.5	233.5	219.6	204.6	189.4
42.5	314.8	310.4	304.8	298.3	290.7	282.1	272.0	261.5	249.7	235.6	218.9	201.5	186.7
45.0	332.0	326.7	319.7	311.8	302.3	292.2	280.5	268.2	254.0	237.0	217.7	199.2	187.6
46.0	338.4	332.8	325.3	316.8	306.5	295.9	283.7	270.9	255.8	237.7	217.4	198.7	188.8
47.0	345.6	339.5	331.3	322.0	311.0	299.7	287.2	273.8	257.8	238.7	217.5	199.6	191.8
48.0	352.7	346.2	337.3	327.2	315.5	303.6	290.6	276.7	259.8	239.7	217.6	200.4	194.8
49.0	360.7	353.5	343.8	333.0	320.3	307.8	294.3	279.9	261.9	240.7	218.3	202.5	198.4
50.0	368.7	360.7	350.3	338.8	325.2	312.0	298.0	283.0	264.0	241.8	219.0	204.6	202.1
51.0	377.1	368.5	357.3	345.1	330.5	316.7	302.0	286.0	265.7	242.5	220.0	207.5	205.5
52.0	385.5	376.2	364.3	351.4	335.8	321.3	305.9	289.0	267.5	243.2	221.0	210.4	208.9
53.0	394.4	384.8	371.9	358.3	341.7	326.2	309.8	291.9	268.9	243.9	222.9	213.6	211.5
54.0	403.4	393.5	379.6	365.3	347.5	331.0	313.7	294.7	270.2	244.5	224.7	216.9	214.1
55.0	413.1	402.9	387.8	372.3	353.3	335.7	317.2	296.5	270.8	245.2	227.1	219.8	215.9
56.0	422.8	412.2	396.1	379.3	359.0	340.5	320.6	298.4	271.5	245.9	229.5	222.8	217.7
57.0	433.0	421.4	403.8	385.5	364.2	344.3	323.2	299.4	271.7	247.1	232.5	225.4	218.7
58.0	443.2	430.5	411.6	391.7	369.3	348.2	325.8	300.3	271.9	248.3	235.5	227.9	219.7

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	155.0	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0
59.0	452.9	438.7	418.6	397.2	373.7	351.5	327.7	300.7	272.2	250.0	238.4	229.7	220.0
60.0	461.1	445.3	424.3	401.8	377.4	354.3	329.0	300.7	272.5	252.0	241.0	231.3	220.0
61.0	467.9	450.7	428.6	405.1	380.2	356.2	329.8	300.6	273.0	254.3	243.1	232.2	219.4
62.0	473.1	454.7	431.9	407.5	382.1	357.3	330.0	300.3	273.7	256.6	244.5	232.6	218.4
63.0	476.8	457.0	434.0	409.1	383.3	357.4	329.4	299.3	274.2	258.3	245.3	232.3	216.7
64.0	478.8	457.5	434.6	409.4	383.5	356.3	327.9	297.6	274.3	258.9	245.0	230.9	214.3
65.0	478.3	455.9	433.3	407.6	382.5	354.4	325.3	295.2	273.9	258.4	243.9	229.0	211.2
66.0	474.3	451.1	429.2	403.2	379.4	350.7	321.5	291.8	272.6	257.0	242.3	226.5	207.2
67.0	465.4	442.1	422.0	396.4	374.1	345.4	316.4	287.8	270.5	254.7	239.7	223.2	202.1
68.0	451.7	429.6	412.5	388.6	367.3	338.4	310.1	283.3	267.6	251.7	236.3	218.5	194.5
69.0	433.7	414.7	401.8	379.5	358.8	329.5	302.9	278.5	263.8	246.5	229.8	210.2	182.7
70.0	412.3	398.8	389.7	368.7	348.8	319.4	294.3	270.4	255.9	236.1	217.5	195.8	165.6
71.0	389.6	382.0	375.9	355.1	335.7	305.1	281.3	255.4	241.3	217.7	198.7	175.8	143.7
72.0	365.8	362.0	358.3	335.8	317.0	282.7	260.3	231.5	218.3	193.0	175.0	150.3	120.8
73.0	337.9	333.4	332.3	304.9	287.8	249.5	230.9	202.2	191.5	167.4	150.9	128.3	100.7
74.0	301.0	293.5	294.5	264.6	250.4	215.0	200.5	176.3	167.7	145.2	128.6	108.3	84.0
75.0	256.4	249.2	251.1	224.7	212.8	181.8	171.3	148.9	143.8	121.5	106.5	87.6	66.5
76.0	211.3	205.3	209.4	184.6	172.1	132.6	127.9	107.0	112.7	93.6	83.1	68.8	51.6
77.0	165.7	158.6	165.4	132.3	116.3	70.7	73.7	60.2	72.7	59.2	58.5	49.5	38.7
78.0	116.2	111.1	115.0	72.1	55.9	29.5	34.4	29.7	34.6	29.0	35.2	31.0	26.5
79.0	71.0	68.1	63.3	27.1	20.3	13.2	16.8	14.5	14.4	12.2	18.3	18.5	17.3
80.0	39.5	35.0	26.2	10.1	9.1	7.8	9.9	8.2	7.9	6.6	9.4	10.5	10.7
81.0	21.0	15.6	10.4	6.0	5.9	5.0	5.7	4.7	4.9	3.9	4.8	5.8	6.0
82.0	11.0	7.0	5.6	3.9	3.8	3.2	3.5	3.0	3.2	2.5	2.7	3.1	3.1
83.0	5.5	3.8	3.5	2.5	2.5	2.0	2.2	1.8	2.0	1.5	1.6	1.7	1.5
84.0	2.9	2.0	2.1	1.4	1.5	1.3	1.4	1.0	1.2	0.9	1.0	1.0	0.8
85.0	1.5	1.1	1.2	0.9	0.9	0.8	0.9	0.7	0.7	0.5	0.7	0.7	0.6
86.0	0.8	0.6	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.0	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.3
88.0	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	182.9	182.6	182.2	181.9	181.7	181.3	181.2	180.9	180.5	180.3	180.0	179.8	179.6
5.0	182.4	181.8	181.3	180.7	180.1	179.5	179.0	178.3	177.8	177.2	176.5	176.0	175.3
7.5	182.4	181.5	180.7	179.8	179.0	178.1	176.9	175.8	174.7	173.7	172.3	171.2	169.9
10.0	183.0	181.8	180.7	179.3	177.8	176.2	174.4	172.6	170.7	168.6	166.8	164.4	163.0
12.5	183.6	182.2	180.3	178.3	175.9	173.3	170.8	167.6	165.0	161.9	159.6	156.6	154.3
15.0	184.4	182.2	179.6	176.5	173.2	169.5	166.0	162.3	158.8	155.3	152.1	149.9	148.2
17.5	185.5	182.3	178.6	174.5	170.0	165.6	161.1	156.8	152.6	149.9	148.3	148.0	149.1
20.0	187.0	182.5	177.5	172.3	166.9	161.7	156.3	152.1	150.0	149.7	151.4	152.1	154.5
22.5	187.8	182.1	175.8	169.6	163.4	157.8	153.9	152.5	154.4	155.3	157.9	158.1	159.3
25.0	187.9	181.0	173.6	166.7	160.1	156.4	156.9	158.1	161.2	162.1	163.5	162.9	162.7
27.5	187.7	179.7	171.2	163.8	160.0	160.0	163.4	165.4	167.7	167.8	167.8	166.5	165.6
30.0	187.0	177.8	168.6	163.3	164.1	166.8	170.6	172.2	173.1	172.3	171.2	170.2	170.7
32.5	185.0	174.9	168.1	167.3	171.0	174.2	176.9	177.4	177.0	175.9	176.4	176.9	176.7
35.0	182.5	173.3	171.4	173.9	178.0	180.5	181.7	181.1	180.9	181.7	183.3	181.8	173.7
37.5	180.2	174.7	177.1	181.0	183.9	185.1	184.9	184.5	186.7	188.7	185.3	174.7	158.0
40.0	179.5	179.0	183.2	186.5	187.8	187.4	187.2	189.3	192.3	189.0	174.4	155.0	137.3
42.5	182.0	184.9	188.1	189.5	188.8	188.0	190.1	193.2	188.2	173.0	152.8	134.2	120.3
45.0	187.4	190.8	191.6	190.5	188.6	189.3	192.0	188.2	171.7	150.3	132.5	117.3	106.8
46.0	190.1	193.1	192.7	190.6	188.5	190.1	192.0	183.5	163.0	141.3	125.1	111.3	102.0
47.0	193.3	195.1	193.3	190.3	188.7	190.6	188.7	175.0	154.0	134.0	118.9	106.4	98.1
48.0	196.5	197.1	193.9	189.9	188.8	191.1	185.4	166.5	145.0	126.7	112.7	101.5	94.2
49.0	199.6	198.5	193.9	189.3	188.6	189.1	178.5	157.6	137.7	120.5	107.7	97.4	90.9
50.0	202.6	199.9	193.9	188.6	188.5	187.1	171.7	148.6	130.3	114.4	102.6	93.4	87.6
51.0	204.7	200.4	193.3	188.2	187.3	181.4	162.9	140.9	124.0	109.0	98.3	89.9	84.5
52.0	206.8	200.9	192.7	187.7	186.2	175.8	154.1	133.3	117.8	103.7	94.0	86.4	81.3
53.0	207.9	200.3	191.6	186.8	182.8	167.8	146.3	127.0	112.2	99.0	90.1	83.0	77.7
54.0	209.0	199.7	190.4	185.9	179.4	159.8	138.6	120.7	106.7	94.3	86.3	79.7	74.1
55.0	208.9	198.0	188.5	183.1	172.9	151.7	132.1	115.1	101.7	90.1	82.5	75.6	70.2
56.0	208.9	196.2	186.6	180.4	166.4	143.6	125.7	109.5	96.6	85.9	78.8	71.6	66.3
57.0	207.9	194.1	184.0	175.4	158.5	136.7	119.7	104.1	92.1	81.9	74.5	67.5	63.5
58.0	206.9	192.0	181.3	170.5	150.6	129.8	113.8	98.7	87.6	77.9	70.3	63.5	60.7

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	187.5	190.0	192.5	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5
59.0	205.4	189.6	178.1	163.8	143.2	123.7	108.1	93.7	83.0	73.3	65.4	60.7	58.0
60.0	203.6	186.9	174.2	156.5	136.3	117.5	102.4	88.6	78.2	67.9	61.9	58.1	55.8
61.0	201.4	183.8	169.7	149.4	130.3	111.5	96.8	83.6	73.4	63.2	59.0	55.6	53.3
62.0	199.0	180.6	164.5	142.9	124.3	105.4	91.2	78.3	68.0	59.6	56.3	52.9	50.8
63.0	196.3	176.8	158.6	136.5	118.2	99.0	85.5	72.8	62.5	56.6	53.4	50.2	48.3
64.0	192.9	172.0	151.6	129.3	111.1	92.1	79.1	66.3	58.2	53.4	50.6	47.6	45.7
65.0	188.5	165.5	143.7	121.3	103.3	84.7	72.7	60.2	54.8	50.3	47.8	44.8	43.1
66.0	183.2	157.7	135.4	112.6	95.1	77.1	65.9	55.8	51.4	47.3	44.9	42.1	40.6
67.0	176.4	148.3	125.9	102.7	86.1	69.2	58.5	51.8	47.9	43.9	41.8	39.3	37.9
68.0	166.9	137.0	114.6	92.0	76.6	61.2	52.6	47.8	44.2	40.5	38.7	36.4	35.2
69.0	154.4	123.6	102.5	80.8	67.4	53.6	48.0	43.5	40.5	37.1	35.4	33.3	32.5
70.0	137.8	108.0	88.8	69.6	59.1	47.1	43.3	39.0	36.7	33.6	32.3	30.2	29.6
71.0	118.9	90.7	75.0	59.2	51.0	41.3	38.6	34.4	32.8	29.9	28.9	27.1	26.8
72.0	98.6	74.8	62.3	50.2	42.4	35.7	33.7	29.8	28.6	26.1	25.5	24.0	24.0
73.0	81.9	62.2	52.8	42.7	36.3	31.1	29.1	25.8	24.6	22.5	22.2	21.0	21.1
74.0	68.4	52.9	45.1	35.9	31.5	27.2	25.1	22.2	21.1	19.4	19.2	18.3	18.2
75.0	56.6	44.4	38.1	29.9	27.0	23.6	21.6	19.2	18.3	16.8	16.8	15.7	15.3
76.0	46.7	36.0	31.5	24.9	23.0	19.7	18.4	16.1	15.6	14.2	14.4	12.9	12.9
77.0	36.1	27.5	24.2	19.5	18.5	15.5	14.8	12.9	12.7	11.4	11.5	10.4	10.7
78.0	25.7	20.2	17.7	14.5	13.8	11.4	11.2	9.7	9.8	8.5	8.8	8.0	8.0
79.0	18.2	14.3	13.0	10.5	9.8	8.0	8.1	6.8	7.0	6.2	6.3	4.9	4.9
80.0	12.0	9.2	8.9	6.9	6.6	5.4	5.5	4.6	4.7	4.2	4.1	3.3	3.5
81.0	7.2	5.3	5.5	4.2	4.2	3.4	3.5	3.0	3.1	2.7	2.6	2.4	2.5
82.0	3.8	2.9	3.1	2.4	2.5	2.0	2.1	1.8	2.0	1.6	1.8	1.6	1.8
83.0	1.8	1.4	1.5	1.2	1.3	1.2	1.3	1.1	1.2	1.0	1.1	1.0	1.1
84.0	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.6	0.7	0.6	0.8	0.6	0.8
85.0	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.4	0.5	0.4	0.5	0.4	0.5
86.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
87.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
88.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
89.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	179.3	179.0	178.9	178.8	178.4	178.3	178.2	177.8	177.8	177.7	177.4	177.3	177.2
5.0	174.7	173.9	173.5	172.9	172.4	171.8	171.2	170.7	170.1	169.9	169.2	169.1	168.7
7.5	168.6	167.5	166.1	164.9	163.6	163.0	161.5	160.8	159.6	158.8	158.2	157.0	157.0
10.0	160.3	159.0	156.8	154.9	153.2	152.0	150.8	149.6	149.0	148.0	147.7	147.2	147.1
12.5	152.0	150.2	148.9	147.8	147.3	147.2	146.9	147.5	147.2	148.3	147.9	149.0	148.9
15.0	147.4	147.5	147.6	148.7	148.8	150.5	150.4	151.9	151.7	152.7	152.5	153.1	153.0
17.5	149.6	151.4	151.7	153.4	153.2	154.4	154.2	154.7	154.4	154.5	154.1	154.0	153.7
20.0	154.7	156.1	155.9	156.4	155.7	155.6	154.9	154.6	154.0	153.5	153.1	152.8	152.5
22.5	158.7	158.7	157.7	157.2	156.1	155.7	155.0	154.8	154.3	153.6	152.9	151.8	150.5
25.0	161.3	160.6	159.6	159.3	158.5	157.8	156.3	154.0	151.1	147.1	142.9	139.0	134.6
27.5	164.7	164.8	164.3	162.9	160.0	154.8	148.6	141.4	134.3	128.1	122.1	117.9	113.5
30.0	170.9	169.9	166.3	158.5	149.1	138.6	128.9	121.0	114.3	109.8	105.6	103.2	100.7
32.5	173.0	164.0	152.7	140.2	128.6	119.6	112.3	107.2	102.9	100.1	97.5	95.8	94.1
35.0	161.4	146.3	132.4	121.5	112.8	106.8	102.0	98.7	95.7	93.7	91.8	90.4	88.9
37.5	141.1	127.0	115.8	108.3	102.4	98.3	95.0	92.5	90.2	88.5	86.9	85.7	84.6
40.0	122.8	112.3	104.4	99.2	95.0	92.0	89.3	87.4	85.5	84.0	82.6	81.5	80.6
42.5	109.2	102.0	96.2	92.2	89.0	86.6	84.4	82.5	80.6	79.1	77.0	75.7	74.3
45.0	98.7	93.6	89.2	86.1	83.4	80.9	78.3	76.3	73.7	72.4	70.9	70.0	69.1
46.0	95.0	90.5	86.6	83.8	81.0	78.3	75.3	73.4	70.9	69.8	68.7	68.1	67.4
47.0	91.8	87.7	84.0	80.9	77.8	75.2	72.4	70.9	69.0	68.0	67.0	66.5	65.8
48.0	88.5	84.8	81.3	78.1	74.6	72.1	69.5	68.3	67.0	66.2	65.4	64.9	64.2
49.0	85.7	81.9	77.9	74.7	71.4	69.5	67.5	66.4	65.3	64.6	63.7	63.2	62.6
50.0	82.8	79.0	74.5	71.4	68.2	66.9	65.5	64.6	63.5	62.9	62.0	61.6	61.0
51.0	79.5	75.4	71.0	68.6	66.1	64.9	63.6	62.7	61.6	61.2	60.3	60.0	59.4
52.0	76.2	71.9	67.5	65.7	64.0	62.9	61.6	60.8	59.8	59.4	58.6	58.3	57.8
53.0	72.4	68.6	65.2	63.5	61.8	60.9	59.6	58.9	57.9	57.7	56.9	56.7	56.3
54.0	68.5	65.3	62.9	61.3	59.7	58.9	57.7	57.1	56.1	55.9	55.2	55.1	54.8
55.0	65.6	63.0	60.7	59.2	57.7	56.9	55.7	55.1	54.2	54.0	53.4	53.4	53.2
56.0	62.7	60.7	58.4	57.1	55.6	54.9	53.7	53.2	52.3	52.1	51.6	51.7	51.5
57.0	60.4	58.4	56.3	55.0	53.6	52.9	51.7	51.2	50.4	50.3	49.8	49.9	49.8
58.0	58.0	56.2	54.2	53.0	51.6	50.8	49.8	49.3	48.6	48.6	48.0	48.1	48.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	220.0	222.5	225.0	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0
59.0	55.6	53.9	52.0	50.7	49.4	48.6	47.7	47.2	46.6	46.4	46.1	46.1	46.1
60.0	53.2	51.6	49.7	48.7	47.2	46.6	45.6	45.4	44.6	44.6	44.2	44.5	44.4
61.0	50.8	49.3	47.4	46.4	45.1	44.5	43.6	43.4	42.7	42.8	42.5	42.7	42.9
62.0	48.4	47.0	45.0	44.1	42.8	42.4	41.7	41.6	41.0	41.0	40.8	41.3	42.3
63.0	45.9	44.5	42.7	42.0	40.8	40.6	39.7	39.6	39.0	39.3	39.2	40.2	43.5
64.0	43.4	42.2	40.5	39.8	38.6	38.4	37.7	37.4	37.0	37.4	37.8	40.3	46.7
65.0	41.0	39.8	38.2	37.6	36.4	36.3	35.3	35.3	35.0	35.7	37.5	42.6	47.5
66.0	38.5	37.4	35.9	35.4	34.2	34.2	33.2	33.4	33.0	34.6	39.5	44.6	44.9
67.0	35.9	34.9	33.6	33.1	32.0	31.7	31.0	31.1	31.3	34.6	41.7	43.1	40.7
68.0	33.4	32.7	31.2	30.9	29.8	29.6	28.7	29.2	30.3	35.9	39.5	37.9	35.8
69.0	30.8	30.2	28.9	28.5	27.4	27.2	26.8	27.2	29.3	35.9	34.7	34.0	33.2
70.0	28.0	27.7	26.6	26.3	25.2	25.0	23.3	24.7	31.1	34.2	31.1	31.0	30.8
71.0	25.6	25.3	24.1	23.8	22.1	21.6	21.2	24.1	31.1	29.9	27.9	28.2	28.5
72.0	22.8	22.7	21.4	20.8	19.4	19.5	19.9	25.3	27.9	26.5	24.8	25.7	26.3
73.0	20.0	19.9	18.4	18.3	17.4	17.7	19.2	26.0	24.2	23.0	22.0	23.2	23.8
74.0	16.9	16.9	16.1	16.1	15.4	16.0	19.9	23.8	20.5	19.8	19.4	20.8	20.6
75.0	14.3	14.4	13.7	14.0	13.2	14.5	19.4	19.7	17.2	17.3	16.9	18.0	16.1
76.0	12.0	12.2	11.3	11.6	11.0	13.1	17.2	16.2	13.7	14.2	13.1	13.6	11.0
77.0	9.8	9.8	8.8	9.1	8.7	12.5	13.3	12.1	10.4	10.8	10.0	10.0	6.8
78.0	6.5	7.0	6.5	6.9	6.9	11.5	9.8	8.9	7.8	8.3	7.1	7.1	4.9
79.0	4.2	4.5	4.2	5.1	5.9	9.3	7.1	6.4	5.6	5.8	5.1	4.8	3.8
80.0	3.1	3.3	3.1	3.8	5.2	6.6	4.7	4.6	4.0	4.0	3.7	3.6	2.9
81.0	2.4	2.4	2.3	2.5	4.4	4.2	3.2	3.2	2.9	2.9	2.7	2.5	2.1
82.0	1.5	1.6	1.5	1.9	3.1	2.9	2.0	2.3	1.9	2.0	1.8	1.7	1.5
83.0	0.9	1.1	0.9	1.3	1.8	1.6	1.1	1.3	1.1	1.3	1.1	1.1	0.9
84.0	0.6	0.8	0.6	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.6
85.0	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.3
86.0	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
0.0	183.4	183.4	183.4	183.4	183.4	183.4	183.4	183.4
2.5	177.1	177.0	176.9	177.0	176.7	176.8	176.9	177.1
5.0	168.3	168.5	167.6	168.0	167.6	167.4	167.8	168.2
7.5	155.8	156.1	155.2	155.2	155.0	154.5	155.1	155.6
10.0	147.1	147.0	147.0	147.0	147.0	147.2	146.9	146.8
12.5	149.5	149.8	150.0	150.5	150.4	151.1	150.4	150.1
15.0	153.3	153.4	153.3	153.6	153.5	153.9	153.5	153.4
17.5	153.4	153.2	152.9	152.6	152.6	152.7	152.5	152.5
20.0	152.2	152.1	151.7	151.7	151.4	151.6	151.3	151.1
22.5	148.9	147.0	145.8	143.7	143.5	141.6	142.5	143.0
25.0	131.6	127.5	125.9	122.4	122.2	119.5	120.7	121.7
27.5	111.1	108.0	106.7	104.6	104.2	102.9	103.2	103.9
30.0	99.3	97.5	96.7	95.5	95.2	94.4	94.5	94.8
32.5	92.9	91.7	91.0	90.1	89.8	89.3	89.3	89.4
35.0	88.0	87.0	86.4	85.6	85.4	85.0	84.9	85.1
37.5	83.8	82.9	82.3	81.6	81.5	81.3	81.2	81.4
40.0	79.9	78.6	77.8	76.5	76.4	75.8	76.2	76.5
42.5	73.9	73.0	72.4	71.3	71.2	70.8	71.2	71.5
45.0	69.2	68.9	68.5	67.8	67.6	67.3	67.8	68.0
46.0	67.5	67.3	67.0	66.3	66.2	65.9	66.4	66.6
47.0	65.7	65.4	65.2	64.5	64.5	64.3	64.8	65.2
48.0	64.0	63.5	63.4	62.7	62.8	62.6	63.2	63.8
49.0	62.4	61.8	61.7	61.1	61.2	61.1	61.6	62.3
50.0	60.8	60.2	60.1	59.5	59.5	59.5	60.0	60.8
51.0	59.4	58.9	58.8	58.2	58.2	58.2	58.6	59.4
52.0	58.0	57.7	57.6	57.0	56.9	57.0	57.3	57.9
53.0	56.7	56.4	56.3	55.7	55.6	55.7	56.0	56.6
54.0	55.4	55.1	55.0	54.5	54.3	54.4	54.8	55.2
55.0	53.9	53.7	53.7	53.1	52.9	53.0	53.3	53.7
56.0	52.5	52.3	52.3	51.7	51.4	51.5	51.8	52.1
57.0	50.8	50.8	50.9	50.4	50.2	50.5	50.9	50.9
58.0	49.2	49.3	49.6	49.2	49.0	49.5	50.0	49.7

Luminaire : BGP394 T25 1xLED380-CLO-4S/730 FP DW10
Lampflux : 1 x 36000 lm
Ballast : FP
Measurement code : LVE160622C
Measurement date : 2019-07-04
Measurement status : Released
L.O.R. : 0.85

Intensity table

Plane Cone	252.5	255.0	257.5	260.0	262.5	265.0	267.5	270.0
59.0	47.4	47.9	48.4	49.0	49.3	51.2	51.5	50.7
60.0	45.9	47.1	48.6	51.3	52.4	55.3	55.4	54.7
61.0	45.0	48.1	51.2	55.0	55.6	56.6	57.0	57.0
62.0	45.6	51.6	54.0	55.1	55.0	53.8	54.6	55.1
63.0	48.6	52.8	53.4	52.0	51.6	50.4	51.0	51.7
64.0	50.1	50.6	50.1	49.1	48.9	48.4	48.8	49.3
65.0	48.4	47.1	47.5	46.8	47.2	47.1	47.7	48.3
66.0	44.7	44.1	44.9	44.9	45.7	45.5	46.8	47.4
67.0	41.1	40.2	41.6	41.9	42.6	43.4	44.1	44.8
68.0	37.0	38.2	40.1	41.5	42.5	43.6	44.5	45.3
69.0	35.0	36.9	39.4	40.8	41.9	42.4	43.6	44.7
70.0	33.4	35.4	37.9	38.3	39.5	39.3	40.9	42.3
71.0	31.1	32.8	34.7	33.7	34.8	33.1	35.1	37.3
72.0	28.5	28.8	29.7	25.4	26.3	21.0	24.5	27.6
73.0	25.1	22.9	20.9	13.4	13.1	10.4	11.4	13.4
74.0	19.9	13.4	10.5	9.0	8.8	8.3	8.6	9.1
75.0	12.2	8.3	8.3	7.3	7.3	7.1	7.4	7.7
76.0	8.0	6.8	6.7	6.2	6.1	6.1	6.6	6.9
77.0	6.1	5.4	5.4	5.0	5.2	5.2	6.0	6.3
78.0	4.8	4.3	4.4	4.0	4.3	4.5	5.2	5.5
79.0	3.8	3.5	3.5	3.4	3.6	3.8	4.4	4.7
80.0	3.0	2.6	2.8	2.6	2.8	2.9	3.4	3.7
81.0	2.2	2.1	2.0	1.9	2.1	2.0	2.3	2.6
82.0	1.5	1.3	1.5	1.3	1.5	1.3	1.6	1.7
83.0	1.0	0.9	0.9	0.8	0.9	0.7	1.0	1.0
84.0	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
85.0	0.4	0.4	0.4	0.3	0.4	0.2	0.2	0.2
86.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
88.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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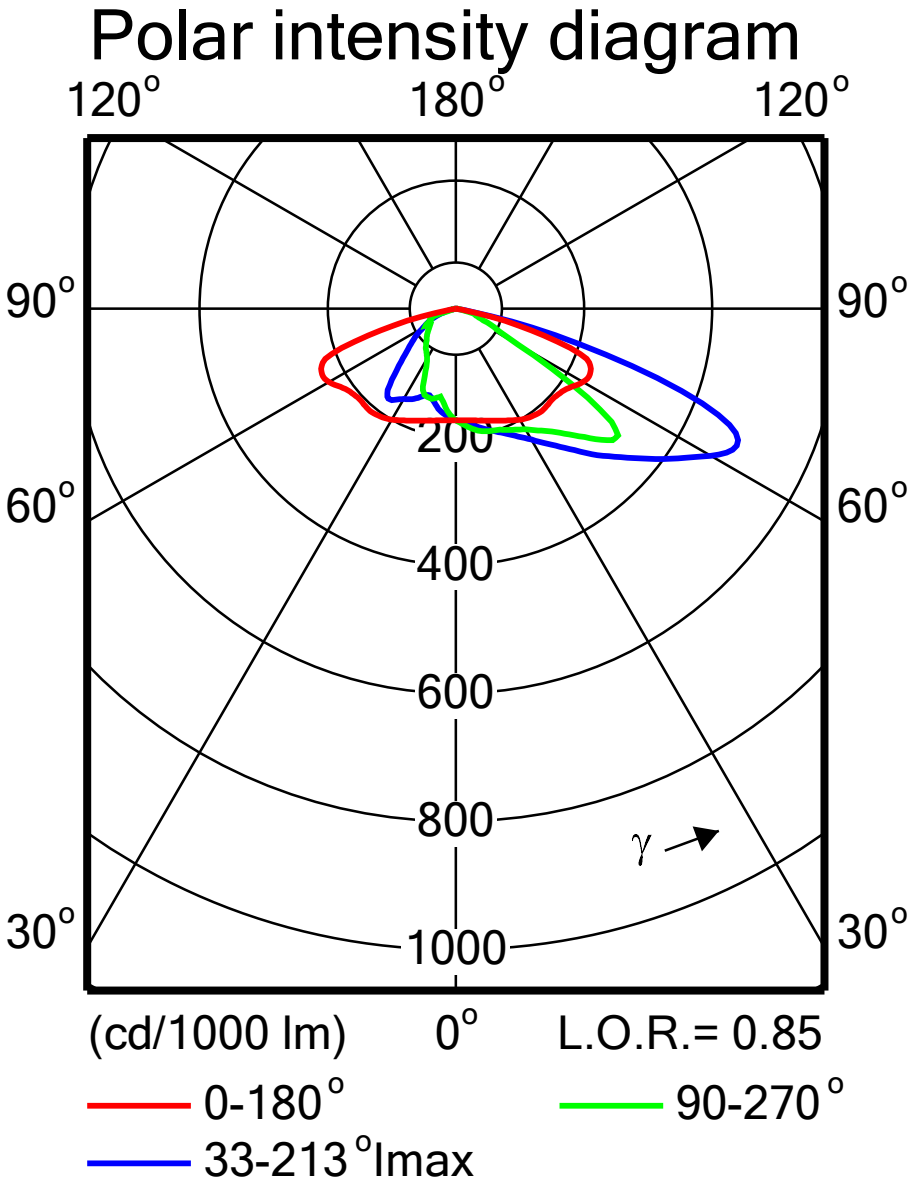

Luminaire	: BGP394 T25 1xLED380-CLO-4S/730 FP DW10
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L.O.R.	: 0.85

Quality figures BGP394 T25 DW10

Light output ratios:

Service upward	= 0.000
Service downward	= 0.850
Total	= 0.850
Upper hemisphere	
Total	= 0.000
Lower hemisphere	
Kerb side	= 0.234
Road side	= 0.615
Total	= 0.850

Flux and efficacy

Flux	= 30600.0	lm
Power Consumption	= 230.0	W
Luminaire efficacy	= 133.0	lm/W

Indoor:

CIE codes: 34 73 98 100 85

UTE Class	= not available
Spacing to height ratio lengthwise	= not available
Spacing to height ratio crosswise	= not available
Visual beam angle (C = 0)	= not available
Visual beam angle (C = 180)	= not available
Accent beam spread ($^1/_2$Imax)	= 2 x 76 ^{o}
K Factor	= not available
UGRcen (4Hx8H, 0.25H)	= not available

Outdoor:

Specific luminaire index (SLI)	= 5.2	
Flashed area	= 0.036	m2
Surface 85	= 0.013	m2
I80	= 8.9	candela
I88	= 0.2	candela
Imax70	= 395.1	candela/1000 lumen (C = 30.0 deg)
Imax80	= 37.5	candela/1000 lumen (C = 25.0 deg)
Imax85	= 3.5	candela/1000 lumen (C = 60.0 deg)
Imax90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax100	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>90	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>95	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax>115	= 0.0	candela/1000 lumen (C = 0.0 deg)
Imax90..115	= 0.0	candela/1000 lumen (C = 0.0 deg)