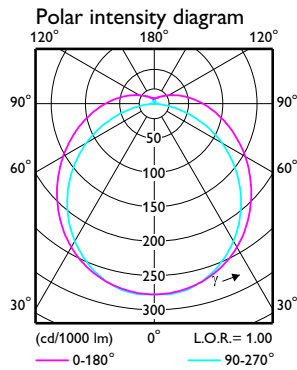


**BN006C LED15 CW L1200 1xLED Ra83.8/6778K**

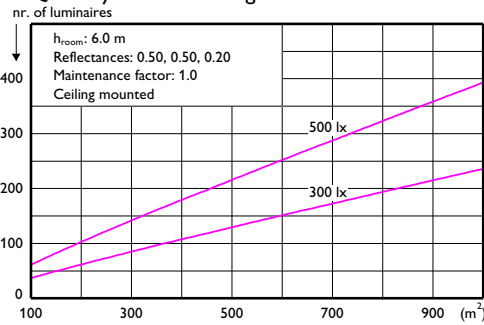
1 x 1538 lm



Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

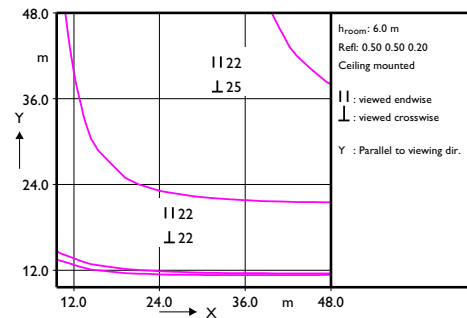
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 23

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.44	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.31	0.27	0.24	0.24
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.31
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.37
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.43
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.48
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.55
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.61
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.64
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.69
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.72

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	5217	5453	7214
50.0	4941	5126	6986
55.0	4678	4801	6722
60.0	4436	4482	6407
65.0	4206	4175	6019
70.0	4007	3882	5474
75.0	3825	3615	4726
80.0	3676	3377	3675
85.0	3568	3192	2042
90.0	3506	3080	205

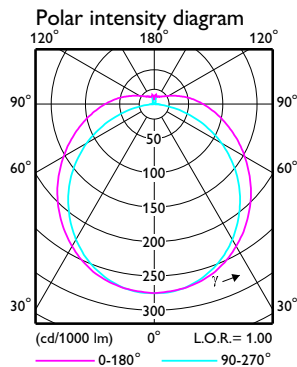
(cd/m<sup>2</sup>)

LVC2141775

2015-01-12

**BN006C LED15 CW L600 1xLED Ra84.5/6392K**

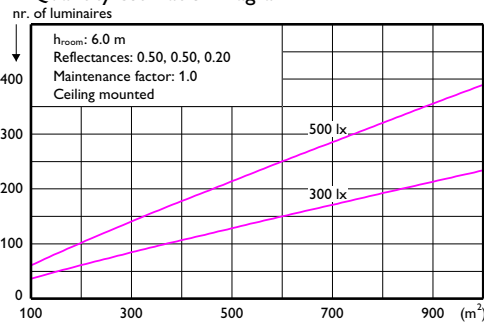
1 x 1551 lm



Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

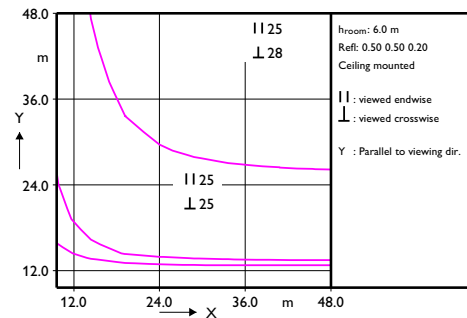
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.44	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.31	0.27	0.24	0.24
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.31
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.37
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.43
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.48
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.55
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.61
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.64
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.69
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.72

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10419	10773	13957
50.0	9875	10102	13476
55.0	9341	9449	12877
60.0	8855	8801	12228
65.0	8416	8183	11325
70.0	8003	7571	10174
75.0	7635	7015	8628
80.0	7371	6511	6367
85.0	7137	6124	3248
90.0	7059	5896	0

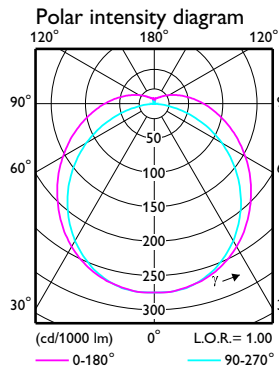
(cd/m<sup>2</sup>)

LVC2141781

2015-01-12

**BN006C LED15 NW L1200 1xLED Ra84.1/4209K**

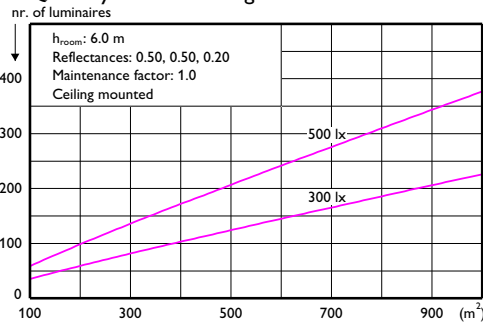
1 x 1605 lm



Light output ratio 1.00  
Service upward 0.11  
Service downward 0.89

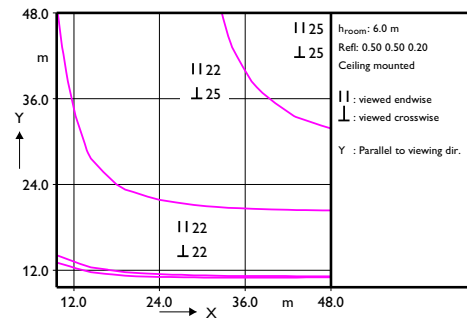
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 24

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00					
0.60	0.44	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.31	0.27	0.24					
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31					
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37					
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43					
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48					
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55					
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61					
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64					
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69					
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72					

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	5426	5674	7514
50.0	5146	5329	7279
55.0	4889	4996	7003
60.0	4635	4676	6685
65.0	4408	4370	6280
70.0	4208	4074	5719
75.0	4024	3798	4974
80.0	3868	3563	3865
85.0	3768	3371	2211
90.0	3704	3269	107

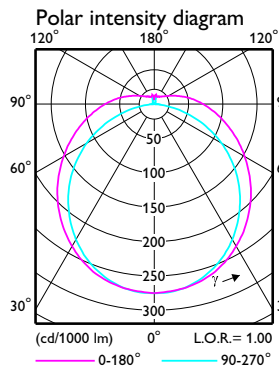
(cd/m<sup>2</sup>)

LVC2141776

2015-01-12

**BN006C LED15 NW L600 1xLED Ra83.4/3996K**

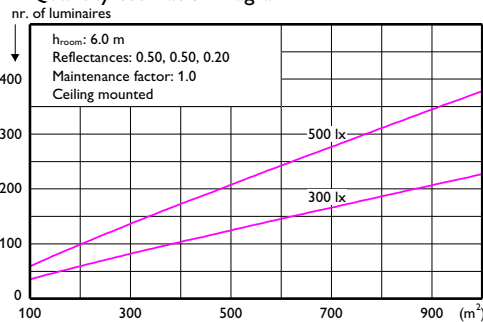
1 x 1599 lm



Light output ratio 1.00  
Service upward 0.11  
Service downward 0.89

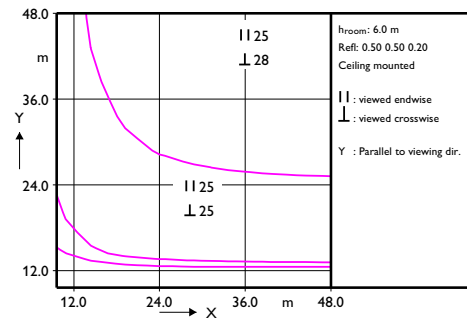
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00					
0.60	0.44	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.31	0.27	0.24					
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31					
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37					
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43					
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48					
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55					
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61					
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64					
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69					
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72					

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10741	11106	14389
50.0	10180	10415	13893
55.0	9630	9741	13275
60.0	9129	9073	12606
65.0	8676	8436	11675
70.0	8250	7806	10489
75.0	7871	7232	8895
80.0	7600	6712	6564
85.0	7358	6314	3348
90.0	7278	6079	0

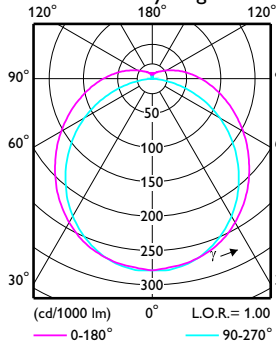
(cd/m<sup>2</sup>)

LVC2141781

2015-01-12

**BN006C LED15 WW L1200 1xLED Ra84.1/3204K**

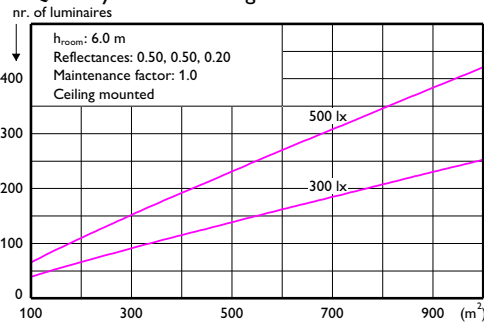
1 x 1429 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.10  
 Service downward 0.90

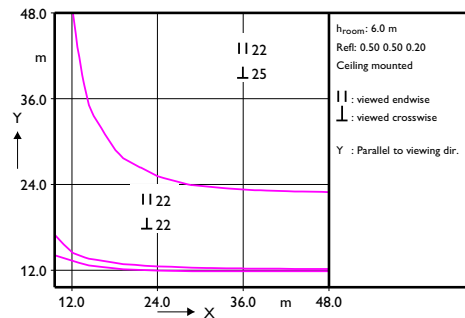
CIE flux code 42 71 90 90 100

UGRcen (4Hx8H, 0.25H) 23

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.60	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.32	0.27	0.25	0.25
1.25	0.54	0.51	0.53	0.51	0.50	0.42	0.41	0.36	0.39	0.35	0.32	0.32
1.50	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.46	0.41	0.38	0.38
2.00	0.71	0.65	0.69	0.66	0.63	0.56	0.54	0.49	0.52	0.47	0.44	0.44
2.50	0.77	0.70	0.75	0.71	0.68	0.61	0.59	0.54	0.57	0.52	0.48	0.48
3.00	0.87	0.78	0.84	0.79	0.76	0.70	0.67	0.62	0.64	0.60	0.56	0.56
4.00	0.94	0.83	0.90	0.85	0.81	0.75	0.72	0.68	0.69	0.66	0.61	0.61
5.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.73	0.70	0.65	0.65
	1.05	0.90	1.00	0.94	0.88	0.84	0.81	0.78	0.78	0.75	0.70	0.70
	1.09	0.93	1.04	0.97	0.91	0.88	0.84	0.81	0.81	0.78	0.73	0.73

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4847	5067	6684
50.0	4583	4755	6466
55.0	4349	4461	6237
60.0	4119	4165	5948
65.0	3905	3882	5592
70.0	3723	3610	5079
75.0	3544	3355	4420
80.0	3412	3137	3401
85.0	3315	2945	1898
90.0	3248	2862	0

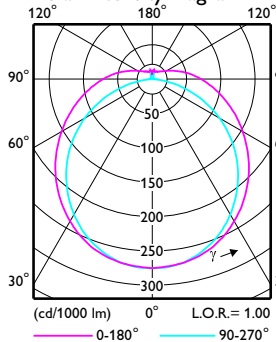
(cd/m²)

LVC2141777

2015-01-12

**BN006C LED15 WW L600 1xLED Ra82.2/3053K**

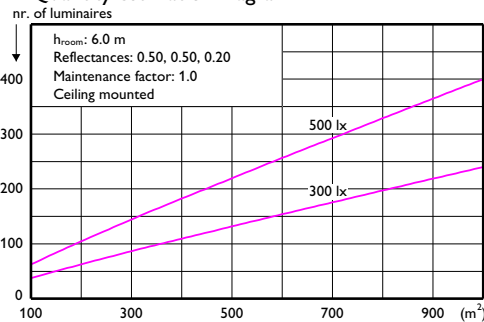
1 x 1513 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

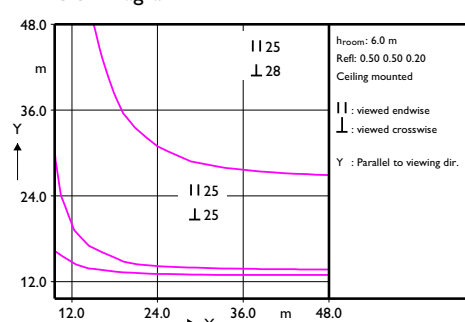
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.60	0.42	0.43	0.42	0.41	0.34	0.33	0.28	0.31	0.27	0.24	0.24
1.25	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.31
1.50	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.37
2.00	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.43
2.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.48
3.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.55
4.00	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.61
5.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.64
	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.69
	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.72

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10158	10504	13608
50.0	9628	9850	13139
55.0	9107	9212	12555
60.0	8634	8581	11922
65.0	8205	7978	11041
70.0	7803	7382	9919
75.0	7444	6840	8412
80.0	7187	6348	6208
85.0	6959	5971	3167
90.0	6883	5749	0

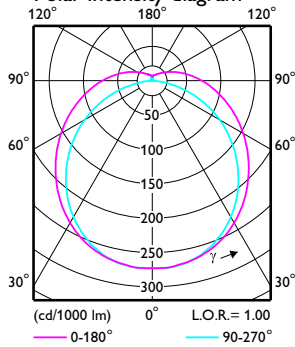
(cd/m²)

LVC2141781

2015-01-12

**BN006C LED30 CW L1200 1xLED Ra84.5/6392K**

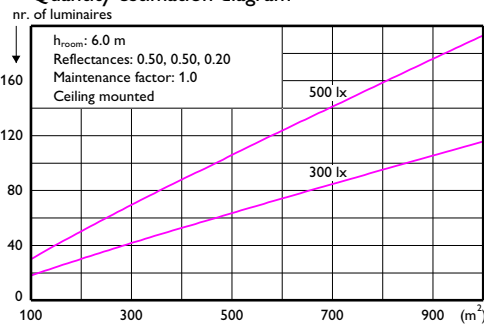
1 x 3147 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

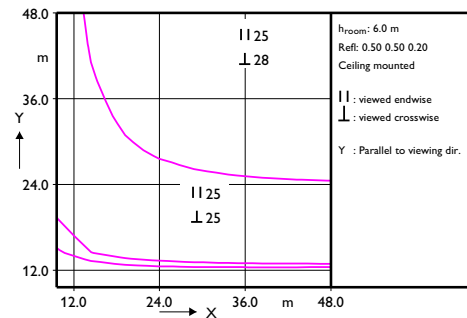
CIE flux code 42 71 89 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.55	0.43	0.51	0.53	0.55	0.32	0.40	0.42	0.44	0.31	0.39	0.41	0.43
0.80	0.54	0.58	0.61	0.63	0.53	0.57	0.60	0.62	0.40	0.45	0.47	0.49	0.39	0.43	0.45	0.47
1.00	0.63	0.65	0.68	0.70	0.61	0.64	0.67	0.69	0.47	0.50	0.52	0.54	0.45	0.47	0.49	0.51
1.25	0.71	0.73	0.75	0.77	0.68	0.71	0.73	0.75	0.54	0.56	0.58	0.60	0.51	0.53	0.55	0.57
1.50	0.77	0.79	0.81	0.83	0.74	0.76	0.78	0.80	0.59	0.61	0.63	0.65	0.56	0.58	0.60	0.62
2.00	0.87	0.89	0.91	0.93	0.83	0.85	0.87	0.89	0.66	0.68	0.70	0.72	0.63	0.65	0.67	0.69
2.50	0.93	0.95	0.97	0.99	0.89	0.91	0.93	0.95	0.71	0.73	0.75	0.77	0.68	0.70	0.72	0.74
3.00	0.98	0.99	1.00	1.00	0.94	0.95	0.96	0.97	0.75	0.76	0.77	0.78	0.72	0.73	0.74	0.75
4.00	1.04	1.04	1.04	1.04	0.99	0.99	0.99	0.99	0.80	0.80	0.80	0.80	0.77	0.77	0.77	0.77
5.00	1.08	1.08	1.08	1.08	1.03	1.03	1.03	1.03	0.83	0.83	0.83	0.83	0.79	0.79	0.79	0.79

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10606	11072	14648
50.0	10067	10418	14198
55.0	9551	9789	13689
60.0	9086	9175	13083
65.0	8654	8575	12271
70.0	8257	8004	11230
75.0	7904	7455	9752
80.0	7622	6986	7667
85.0	7440	6643	4543
90.0	7302	6437	1049

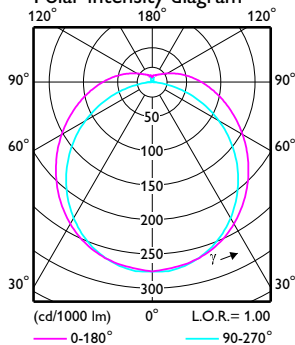
(cd/m<sup>2</sup>)

LVC2141778

2015-01-12

**BN006C LED30 NW L1200 1xLED Ra83.5/4016K**

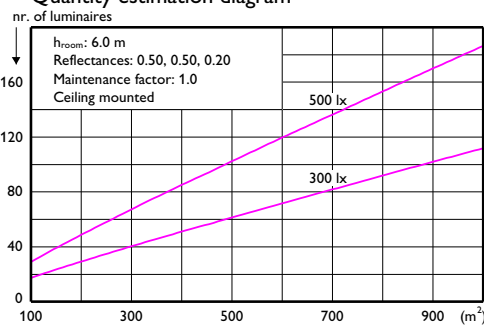
1 x 3244 lm

**Polar intensity diagram**

Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

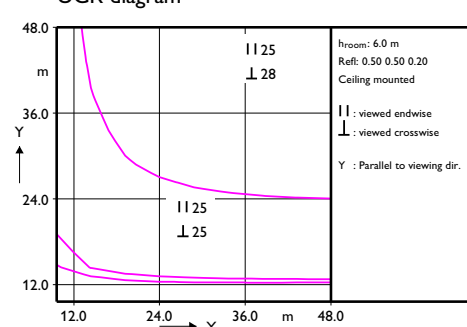
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.55	0.43	0.51	0.53	0.55	0.33	0.40	0.42	0.44	0.31	0.39	0.41	0.43
0.80	0.54	0.58	0.61	0.63	0.53	0.57	0.60	0.62	0.40	0.45	0.47	0.49	0.39	0.43	0.45	0.47
1.00	0.63	0.65	0.68	0.70	0.61	0.64	0.67	0.69	0.47	0.50	0.52	0.54	0.45	0.47	0.49	0.51
1.25	0.71	0.73	0.75	0.77	0.68	0.71	0.73	0.75	0.54	0.56	0.58	0.60	0.51	0.53	0.55	0.57
1.50	0.77	0.79	0.81	0.83	0.74	0.76	0.78	0.80	0.59	0.61	0.63	0.65	0.56	0.58	0.60	0.62
2.00	0.87	0.89	0.91	0.93	0.83	0.85	0.87	0.89	0.67	0.68	0.70	0.72	0.63	0.65	0.67	0.69
2.50	0.93	0.95	0.97	0.99	0.89	0.91	0.93	0.95	0.72	0.73	0.74	0.75	0.69	0.70	0.71	0.72
3.00	0.98	0.99	1.00	1.00	0.94	0.95	0.96	0.97	0.76	0.76	0.77	0.78	0.72	0.73	0.74	0.75
4.00	1.04	1.04	1.04	1.04	0.99	0.99	0.99	0.99	0.81	0.81	0.81	0.81	0.77	0.77	0.77	0.77
5.00	1.08	1.08	1.08	1.08	1.04	1.04	1.04	1.04	0.84	0.84	0.84	0.84	0.80	0.80	0.80	0.80

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10901	11396	15067
50.0	10328	10727	14590
55.0	9799	10058	14050
60.0	9300	9403	13357
65.0	8837	8758	12484
70.0	8409	8169	11357
75.0	8074	7640	9771
80.0	7776	7161	7595
85.0	7588	6755	4306
90.0	7465	6580	649

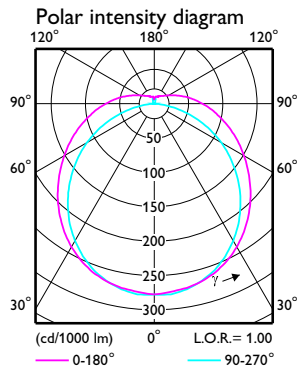
(cd/m<sup>2</sup>)

LVC2141779

2015-01-12

**BN006C LED30 WW L1200 1xLED Ra82.2/3053K**

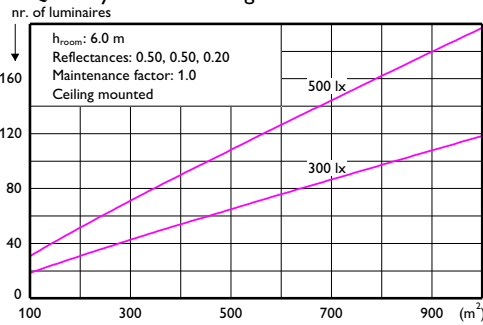
1 x 3068 lm



Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

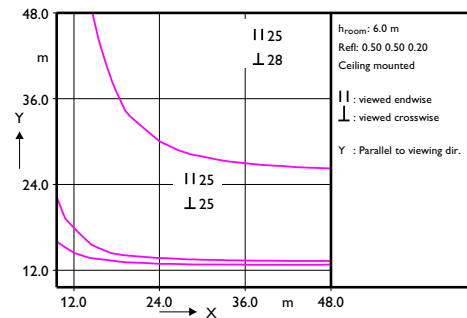
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 26

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.33	0.30	0.27	0.24	0.21
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.39	0.35	0.32	0.29	0.26
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.44	0.40	0.37	0.34	0.31
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.51	0.47	0.44	0.40	0.37
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.57	0.53	0.50	0.46	0.43
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.61	0.57	0.54	0.50	0.47
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.66	0.62	0.59	0.55	0.52
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.69	0.66	0.62	0.59	0.56

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	10341	10823	14273
50.0	9762	10151	13798
55.0	9223	9499	13277
60.0	8737	8859	12654
65.0	8309	8268	11872
70.0	7907	7687	10837
75.0	7551	7148	9405
80.0	7254	6666	7271
85.0	7081	6310	4124
90.0	6913	6077	818

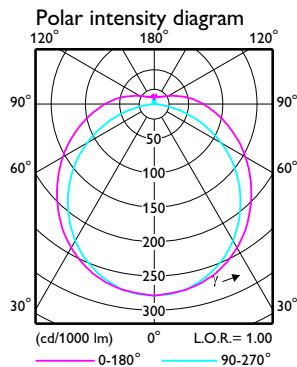
(cd/m<sup>2</sup>)

LVC2141780

2015-01-12

**BN006C LED8 CW L600 1xLED Ra83.8/6778K**

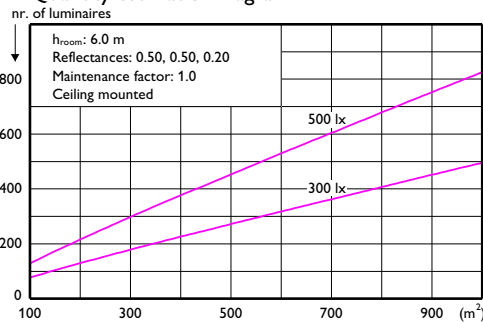
1 x 733 lm



Light output ratio 1.00  
 Service upward 0.11  
 Service downward 0.89

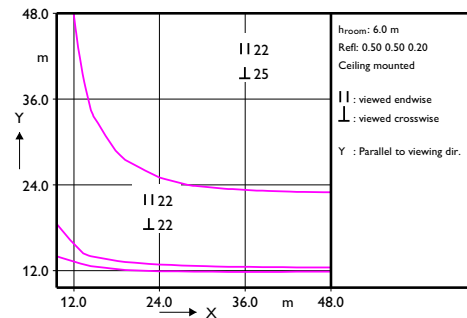
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 23

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.33	0.30	0.27	0.24	0.21
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.39	0.35	0.32	0.29	0.26
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.44	0.40	0.37	0.34	0.31
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.51	0.47	0.44	0.40	0.37
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.57	0.53	0.50	0.46	0.43
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.61	0.57	0.54	0.50	0.47
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.66	0.62	0.59	0.55	0.52
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.69	0.66	0.62	0.59	0.56

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4942	5106	6609
50.0	4678	4790	6375
55.0	4442	4473	6103
60.0	4212	4165	5723
65.0	4009	3857	5288
70.0	3791	3568	4719
75.0	3632	3297	3940
80.0	3488	3043	2848
85.0	3374	2851	1281
90.0	3343	2766	0

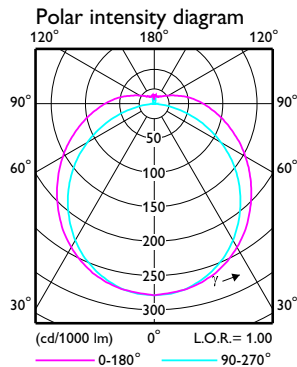
(cd/m<sup>2</sup>)

LVC2141781

2015-01-12

**BN006C LED8 NW L600 1xLED Ra84.1/4213K**

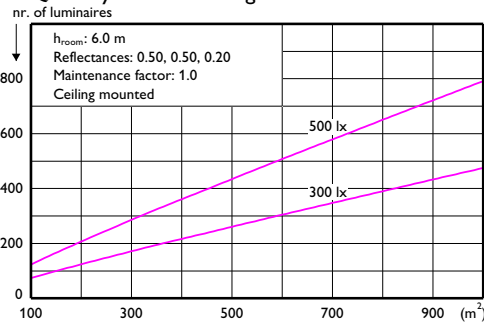
1 x 764 lm



Light output ratio 1.00  
Service upward 0.11  
Service downward 0.89

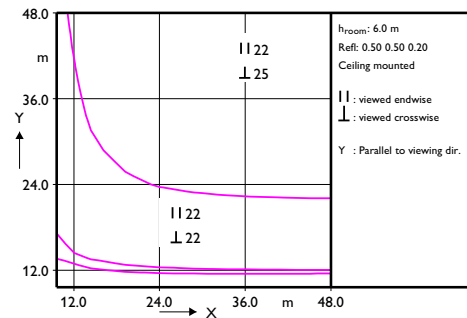
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 23

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.33	0.30	0.27	0.24	0.21
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.39	0.35	0.32	0.29	0.26
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.44	0.40	0.37	0.34	0.31
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.51	0.47	0.44	0.40	0.37
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.57	0.53	0.50	0.46	0.43
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.61	0.57	0.54	0.50	0.47
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.65	0.62	0.58	0.55	0.51
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.69	0.65	0.62	0.58	0.55

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	5156	5327	6895
50.0	4880	4997	6651
55.0	4634	4667	6367
60.0	4394	4345	5970
65.0	4182	4024	5517
70.0	3955	3722	4923
75.0	3789	3439	4111
80.0	3639	3175	2971
85.0	3520	2974	1337
90.0	3487	2886	0

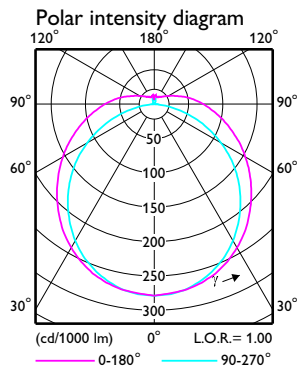
(cd/m<sup>2</sup>)

LVC2141781

2015-01-12

**BN006C LED8 WW L600 1xLED Ra84.1/3200K**

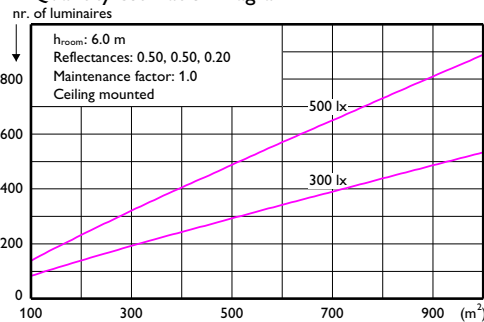
1 x 681 lm



Light output ratio 1.00  
Service upward 0.11  
Service downward 0.89

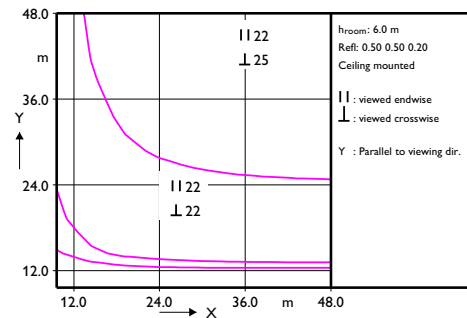
CIE flux code 42 71 90 89 100

UGRcen (4Hx8H, 0.25H) 23

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.44	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
0.80	0.54	0.51	0.53	0.51	0.50	0.42	0.40	0.35	0.39	0.34	0.31	0.27	0.24	0.21	0.18	0.15
1.00	0.63	0.58	0.61	0.59	0.57	0.49	0.47	0.42	0.45	0.41	0.37	0.33	0.30	0.27	0.24	0.21
1.25	0.71	0.65	0.68	0.66	0.63	0.56	0.54	0.49	0.51	0.47	0.43	0.39	0.35	0.32	0.29	0.26
1.50	0.77	0.70	0.74	0.71	0.68	0.61	0.59	0.54	0.56	0.52	0.48	0.44	0.40	0.37	0.34	0.31
2.00	0.87	0.77	0.83	0.79	0.76	0.69	0.67	0.62	0.64	0.60	0.55	0.51	0.47	0.44	0.40	0.37
2.50	0.93	0.82	0.90	0.85	0.80	0.75	0.72	0.68	0.69	0.65	0.61	0.57	0.53	0.50	0.46	0.43
3.00	0.98	0.86	0.94	0.89	0.84	0.79	0.76	0.72	0.72	0.69	0.64	0.61	0.57	0.54	0.50	0.47
4.00	1.04	0.90	1.00	0.94	0.88	0.84	0.81	0.77	0.77	0.74	0.69	0.65	0.62	0.58	0.55	0.51
5.00	1.08	0.93	1.04	0.97	0.91	0.87	0.84	0.81	0.80	0.78	0.72	0.69	0.65	0.62	0.58	0.55

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4592	4744	6141
50.0	4346	4450	5924
55.0	4127	4156	5670
60.0	3913	3870	5317
65.0	3725	3584	4914
70.0	3523	3315	4385
75.0	3375	3063	3661
80.0	3241	2828	2646
85.0	3135	2649	1190
90.0	3106	2570	0

(cd/m<sup>2</sup>)

LVC2141781

2015-01-12