



Reliable and flexible

GreenPerform Batten G3 BN398C

GreenPerform batten BN398C is a cost competitive linear solution with good performance and multiple lumen output for retail and industry applications. It offers surface mount and suspension installations to cater for different mounting options. Its multiple optic designs accommodate different applications as well.

Benefits

- High system efficacy with better energy saving
- Multiple optics for different applications
- Connected for future proof

Features

- System efficiency up to 140lm/W
- Wide and batwing beams available to fit different lighting applications
- DALI and Interact are available for easy control

Application

- Food & large retail
- Warehouse
- Factory
- Indoor public area

Specifications

Mounting type	Suspended
	Ceiling
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Dimming	PSU
	PSD
	POE
	WIA

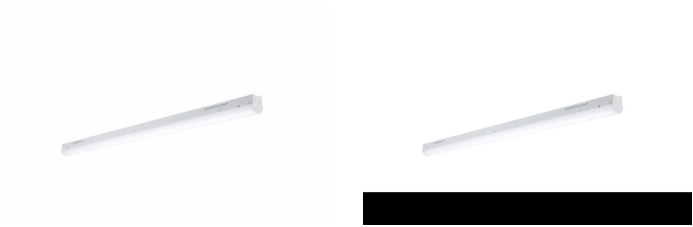
Material	Housing: SPCC
	Cover: PMMA
Main color of the luminaire	WH: RAL 9003
Lumen maintenance at median useful life	L70B50 50.000h
Luminous flux	2000lm~8700lm
Luminaire efficacy	Up to 150lm/W

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Correlated color temperature - CCT	4000K/6500K
Color Rendering index - CRI	80
Beam angle	WB
Protection Class	Safety class I; Safety class III - POE
IEC61140	

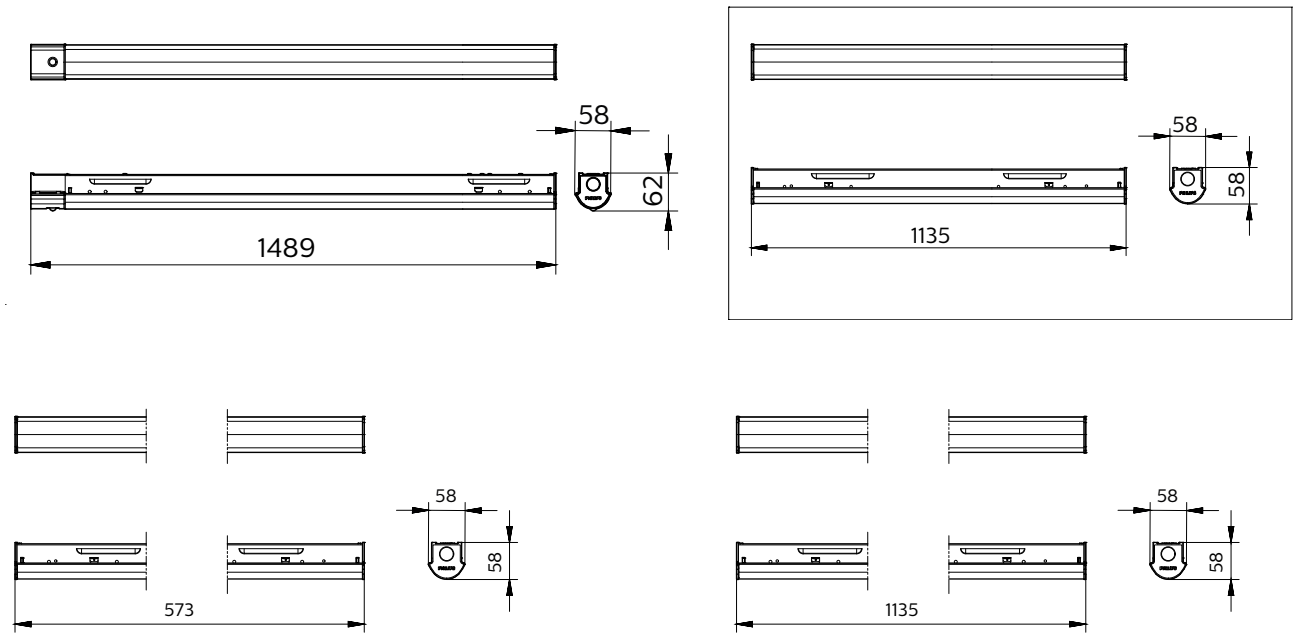
Mechanical impact protection	IK03
Ingress protection	IP20
Overall length	600mm
	1200mm
	1500mm

Versions



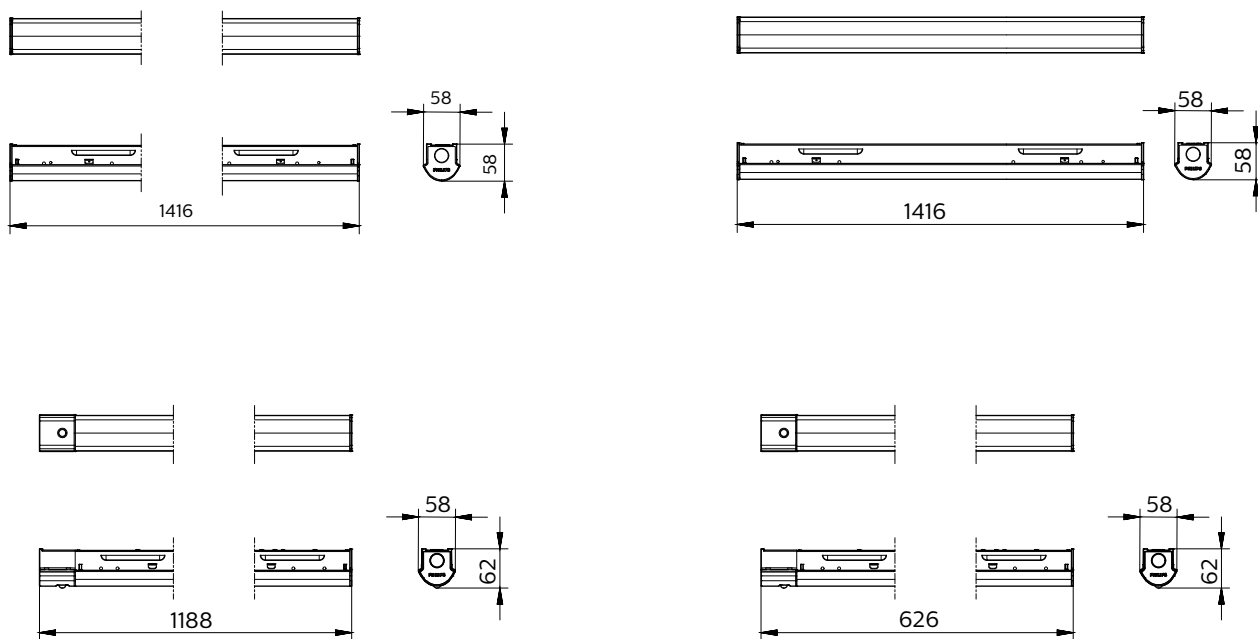
GreenPerform batten std photo BN398100773

Dimensional drawing



GreenPerform Batten G3 BN398C

Dimensional drawing



General Information

CE mark	CE mark
ENEC mark	-
Gear	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK03
Ingress protection code	IP20

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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General Information

Order Code	Full Product Name	Driver included	Flammability mark	Glow-wire test	Number of gear units
911401549602	BN398X LED70/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1500 L1 S WB				
911401550202	BN398X LED40/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1200 L1 W OP				
911401550802	BN398X LED70/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1500 L1 W OP				
911401564591	BN398X LED20/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L600 L1 S OP				
911401564691	BN398X LED20/865	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L600 L1 S OP				
911401564791	BN398X LED20/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L600 L1 S WB				
911401564891	BN398X LED20/865	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L600 L1 S WB				
911401564991	BN398X LED40/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1200 L1 S OP				
911401565091	BN398X LED40/865	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1200 L1 S OP				
911401565191	BN398X LED40/840	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1200 L1 S WB				
911401565291	BN398X LED40/865	Yes	-	Temperature 650 °C, duration 30 s	1 unit
	L1200 L1 S WB				

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Order Code	Full Product Name	Driver included	Flammability mark	Glow-wire test	Number of gear units
911401583251	BN398C LED20/NW L600 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583351	BN398C LED20/CW L600 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583451	BN398C LED40/NW L1200 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583551	BN398C LED40/CW L1200 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583651	BN398C LED69/NW L1200 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583751	BN398C LED69/CW L1200 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583851	BN398C LED87/NW L1500 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401583951	BN398C LED87/CW L1500 PSU OP	-	For mounting on normally flammable surfaces	-	-
911401584051	BN398C LED20/NW L600 PSD OP	-	For mounting on normally flammable surfaces	-	-
911401584251	BN398C LED40/NW L1200 PSD OP	-	For mounting on normally flammable surfaces	-	-
911401584451	BN398C LED69/NW L1200 PSD OP	-	For mounting on normally flammable surfaces	-	-
911401584551	BN398C LED69/CW L1200 PSD OP	-	For mounting on normally flammable surfaces	-	-
911401584651	BN398C LED87/NW L1500 PSD OP	-	For mounting on normally flammable surfaces	-	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)
911401549602	BN398X LED70/840 L1500 L1 S WB	- degree(s)	4000 K	Without lens	≥80

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)
911401550202	BN398X LED40/840 L1200 L1 W OP	- degree(s)	4000 K	Without lens	≥80

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Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)
911401550802	BN398X LED70/840 L1500 L1 W OP	- degree(s)	4000 K	Without lens	≥80
911401564591	BN398X LED20/840 L600 L1 S OP	- degree(s)	4000 K	Without lens	≥80
911401564691	BN398X LED20/865 L600 L1 S OP	- degree(s)	6500 K	Without lens	≥80
911401564791	BN398X LED20/840 L600 L1 S WB	- degree(s)	4000 K	Without lens	≥80
911401564891	BN398X LED20/865 L600 L1 S WB	- degree(s)	6500 K	Without lens	≥80
911401564991	BN398X LED40/840 L1200 L1 S OP	- degree(s)	4000 K	Without lens	≥80
911401565091	BN398X LED40/865 L1200 L1 S OP	- degree(s)	6500 K	Without lens	≥80
911401565191	BN398X LED40/840 L1200 L1 S WB	- degree(s)	4000 K	Without lens	≥80
911401565291	BN398X LED40/865 L1200 L1 S WB	- degree(s)	6500 K	Without lens	≥80
911401583251	BN398C LED20/NW L600 PSU OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401583351	BN398C LED20/CW L600 PSU OP	-	6500 K	Polymethyl methacrylate bowl/cover	>80

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)
911401583451	BN398C LED40/NW L1200 PSU OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401583551	BN398C LED40/CW L1200 PSU OP	-	6500 K	Polymethyl methacrylate bowl/cover	>80
911401583651	BN398C LED69/NW L1200 PSU OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401583751	BN398C LED69/CW L1200 PSU OP	-	6500 K	Polymethyl methacrylate bowl/cover	>80
911401583851	BN398C LED87/NW L1500 PSU OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401583951	BN398C LED87/CW L1500 PSU OP	-	6500 K	Polymethyl methacrylate bowl/cover	>80
911401584051	BN398C LED20/NW L600 PSD OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401584251	BN398C LED40/NW L1200 PSD OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401584451	BN398C LED69/NW L1200 PSD OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80
911401584551	BN398C LED69/CW L1200 PSD OP	-	6500 K	Polymethyl methacrylate bowl/cover	>80
911401584651	BN398C LED87/NW L1500 PSD OP	-	4000 K	Polymethyl methacrylate bowl/cover	>80

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources	Optic type
911401549602	BN398X LED70/840 L1500 L1 S WB	136.53846153846155 lm/W	7,100 lm	5	Opal
911401550202	BN398X LED40/840 L1200 L1 W OP	142.30769230769232 lm/W	3,700 lm	4	Opal
911401550802	BN398X LED70/840 L1500 L1 W OP	145.09803921568627 lm/W	7,400 lm	5	Opal

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources	Optic type
911401564591	BN398X LED20/840 L600 L1 S OP	146.66666666666666 lm/W	2,200 lm	2	Opal
911401564691	BN398X LED20/865 L600 L1 S OP	146.66666666666666 lm/W	2,200 lm	2	Opal
911401564791	BN398X LED20/840 L600 L1 S WB	148.14814814814815 lm/W	2,000 lm	2	Opal

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Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources	Optic type
911401564891	BN398X LED20/865 L600 L1 S WB	148.14814814815 lm/W	2,000 lm	2	Opal
911401564991	BN398X LED40/840 L1200 L1 S OP	142.30769230769232 lm/W	3,700 lm	4	Opal
911401565091	BN398X LED40/865 L1200 L1 S OP	142.30769230769232 lm/W	3,700 lm	4	Opal
911401565191	BN398X LED40/840 L1200 L1 S WB	146.15384615384616 lm/W	3,800 lm	4	Opal
911401565291	BN398X LED40/865 L1200 L1 S WB	146.15384615384616 lm/W	3,800 lm	4	Opal
911401583251	BN398C LED20/NW L600 PSU OP	147 lm/W	2,100 lm	-	-
911401583351	BN398C LED20/CW L600 PSU OP	147 lm/W	2,100 lm	-	-
911401583451	BN398C LED40/NW L1200 PSU OP	141 lm/W	4,100 lm	-	-
911401583551	BN398C LED40/CW L1200 PSU OP	141 lm/W	4,100 lm	-	-

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources	Optic type
911401583651	BN398C LED69/NW L1200 PSU OP	140 lm/W	6,900 lm	-	-
911401583751	BN398C LED69/CW L1200 PSU OP	140 lm/W	6,900 lm	-	-
911401583851	BN398C LED87/NW L1500 PSU OP	140 lm/W	8,600 lm	-	-
911401583951	BN398C LED87/CW L1500 PSU OP	140 lm/W	8,600 lm	-	-
911401584051	BN398C LED20/NW L600 PSD OP	144 lm/W	2,100 lm	-	-
911401584251	BN398C LED40/NW L1200 PSD OP	136 lm/W	4,100 lm	-	-
911401584451	BN398C LED69/NW L1200 PSD OP	138 lm/W	6,800 lm	-	-
911401584551	BN398C LED69/CW L1200 PSD OP	138 lm/W	6,800 lm	-	-
911401584651	BN398C LED87/NW L1500 PSD OP	139 lm/W	8,500 lm	-	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401549602	BN398X LED70/840 L1500 L1 S WB	52 W
911401550202	BN398X LED40/840 L1200 L1 W OP	26 W
911401550802	BN398X LED70/840 L1500 L1 W OP	51 W
911401564591	BN398X LED20/840 L600 L1 S OP	16.5 W
911401564691	BN398X LED20/865 L600 L1 S OP	16.5 W
911401564791	BN398X LED20/840 L600 L1 S WB	14.85 W
911401564891	BN398X LED20/865 L600 L1 S WB	14.85 W
911401564991	BN398X LED40/840 L1200 L1 S OP	28.6 W
911401565091	BN398X LED40/865 L1200 L1 S OP	28.6 W
911401565191	BN398X LED40/840 L1200 L1 S WB	26 W
911401565291	BN398X LED40/865 L1200 L1 S WB	26 W
911401583251	BN398C LED20/NW L600 PSU OP	14.2 W

Order Code	Full Product Name	Power Consumption
911401583351	BN398C LED20/CW L600 PSU OP	14.2 W
911401583451	BN398C LED40/NW L1200 PSU OP	29 W
911401583551	BN398C LED40/CW L1200 PSU OP	29 W
911401583651	BN398C LED69/NW L1200 PSU OP	49 W
911401583751	BN398C LED69/CW L1200 PSU OP	49 W
911401583851	BN398C LED87/NW L1500 PSU OP	61 W
911401583951	BN398C LED87/CW L1500 PSU OP	61 W
911401584051	BN398C LED20/NW L600 PSD OP	14.5 W
911401584251	BN398C LED40/NW L1200 PSD OP	30 W
911401584451	BN398C LED69/NW L1200 PSD OP	49 W
911401584551	BN398C LED69/CW L1200 PSD OP	49 W
911401584651	BN398C LED87/NW L1500 PSD OP	61 W

Temperature

Order Code	Full Product Name	Ambient temperature range
911401549602	BN398X LED70/840 L1500 L1 S WB	0 to +30 °C
911401550202	BN398X LED40/840 L1200 L1 W OP	-20 °C to 40 °C

Order Code	Full Product Name	Ambient temperature range
911401550802	BN398X LED70/840 L1500 L1 W OP	-20 °C to 40 °C
911401564591	BN398X LED20/840 L600 L1 S OP	0 to +30 °C

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Order Code	Full Product Name	Ambient temperature range
911401564691	BN398X LED20/865 L600 L1 S OP	0 to +30 °C
911401564791	BN398X LED20/840 L600 L1 S WB	0 to +30 °C
911401564891	BN398X LED20/865 L600 L1 S WB	0 to +30 °C
911401564991	BN398X LED40/840 L1200 L1 S OP	0 to +30 °C
911401565091	BN398X LED40/865 L1200 L1 S OP	0 to +30 °C
911401565191	BN398X LED40/840 L1200 L1 S WB	0 to +30 °C
911401565291	BN398X LED40/865 L1200 L1 S WB	0 to +30 °C
911401583251	BN398C LED20/NW L600 PSU OP	-20 to +40 °C
911401583351	BN398C LED20/CW L600 PSU OP	-20 to +40 °C
911401583451	BN398C LED40/NW L1200 PSU OP	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401583551	BN398C LED40/CW L1200 PSU OP	-20 to +40 °C
911401583651	BN398C LED69/NW L1200 PSU OP	-20 to +40 °C
911401583751	BN398C LED69/CW L1200 PSU OP	-20 to +40 °C
911401583851	BN398C LED87/NW L1500 PSU OP	-20 to +40 °C
911401583951	BN398C LED87/CW L1500 PSU OP	-20 to +40 °C
911401584051	BN398C LED20/NW L600 PSD OP	-20 to +40 °C
911401584251	BN398C LED40/NW L1200 PSD OP	-20 to +40 °C
911401584451	BN398C LED69/NW L1200 PSD OP	-20 to +40 °C
911401584551	BN398C LED69/CW L1200 PSD OP	-20 to +40 °C
911401584651	BN398C LED87/NW L1500 PSD OP	-20 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401549602	BN398X LED70/840 L1500 L1 S WB	No
911401550202	BN398X LED40/840 L1200 L1 W OP	Wireless Dim
911401550802	BN398X LED70/840 L1500 L1 W OP	Wireless Dim
911401564591	BN398X LED20/840 L600 L1 S OP	No
911401564691	BN398X LED20/865 L600 L1 S OP	No
911401564791	BN398X LED20/840 L600 L1 S WB	No
911401564891	BN398X LED20/865 L600 L1 S WB	No
911401564991	BN398X LED40/840 L1200 L1 S OP	No
911401565091	BN398X LED40/865 L1200 L1 S OP	No
911401565191	BN398X LED40/840 L1200 L1 S WB	No
911401565291	BN398X LED40/865 L1200 L1 S WB	No
911401583251	BN398C LED20/NW L600 PSU OP	No

Order Code	Full Product Name	Dimmable
911401583351	BN398C LED20/CW L600 PSU OP	No
911401583451	BN398C LED40/NW L1200 PSU OP	No
911401583551	BN398C LED40/CW L1200 PSU OP	No
911401583651	BN398C LED69/NW L1200 PSU OP	No
911401583751	BN398C LED69/CW L1200 PSU OP	No
911401583851	BN398C LED87/NW L1500 PSU OP	No
911401583951	BN398C LED87/CW L1500 PSU OP	No
911401584051	BN398C LED20/NW L600 PSD OP	Yes
911401584251	BN398C LED40/NW L1200 PSD OP	Yes
911401584451	BN398C LED69/NW L1200 PSD OP	Yes
911401584551	BN398C LED69/CW L1200 PSD OP	Yes
911401584651	BN398C LED87/NW L1500 PSD OP	Yes

Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401549602	BN398X LED70/840 L1500 L1 S WB	White
911401550202	BN398X LED40/840 L1200 L1 W OP	White
911401550802	BN398X LED70/840 L1500 L1 W OP	White
911401564591	BN398X LED20/840 L600 L1 S OP	White
911401564691	BN398X LED20/865 L600 L1 S OP	White
911401564791	BN398X LED20/840 L600 L1 S WB	White
911401564891	BN398X LED20/865 L600 L1 S WB	White
911401564991	BN398X LED40/840 L1200 L1 S OP	White
911401565091	BN398X LED40/865 L1200 L1 S OP	White
911401565191	BN398X LED40/840 L1200 L1 S WB	White
911401565291	BN398X LED40/865 L1200 L1 S WB	White
911401583251	BN398C LED20/NW L600 PSU OP	White RAL 9003

Order Code	Full Product Name	Housing Color
911401583351	BN398C LED20/CW L600 PSU OP	White RAL 9003
911401583451	BN398C LED40/NW L1200 PSU OP	White RAL 9003
911401583551	BN398C LED40/CW L1200 PSU OP	White RAL 9003
911401583651	BN398C LED69/NW L1200 PSU OP	White RAL 9003
911401583751	BN398C LED69/CW L1200 PSU OP	White RAL 9003
911401583851	BN398C LED87/NW L1500 PSU OP	White RAL 9003
911401583951	BN398C LED87/CW L1500 PSU OP	White RAL 9003
911401584051	BN398C LED20/NW L600 PSD OP	White RAL 9003
911401584251	BN398C LED40/NW L1200 PSD OP	White RAL 9003
911401584451	BN398C LED69/NW L1200 PSD OP	White RAL 9003
911401584551	BN398C LED69/CW L1200 PSD OP	White RAL 9003
911401584651	BN398C LED87/NW L1500 PSD OP	White RAL 9003

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401549602	BN398X LED70/840 L1500 L1 S WB	SDCM<30
911401550202	BN398X LED40/840 L1200 L1 W OP	SDCM<15
911401550802	BN398X LED70/840 L1500 L1 W OP	SDCM<31
911401564591	BN398X LED20/840 L600 L1 S OP	SDCM<5
911401564691	BN398X LED20/865 L600 L1 S OP	SDCM<9

Order Code	Full Product Name	Initial chromaticity
911401564791	BN398X LED20/840 L600 L1 S WB	SDCM<6
911401564891	BN398X LED20/865 L600 L1 S WB	SDCM<10
911401564991	BN398X LED40/840 L1200 L1 S OP	SDCM<13
911401565091	BN398X LED40/865 L1200 L1 S OP	SDCM<17
911401565191	BN398X LED40/840 L1200 L1 S WB	SDCM<14

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Order Code	Full Product Name	Initial chromaticity
911401565291	BN398X LED40/865 L1200 L1 S WB	SDCM<18
911401583251	BN398C LED20/NW L600 PSU OP	SDCM<5
911401583351	BN398C LED20/CW L600 PSU OP	SDCM<5
911401583451	BN398C LED40/NW L1200 PSU OP	SDCM<5
911401583551	BN398C LED40/CW L1200 PSU OP	SDCM<5
911401583651	BN398C LED69/NW L1200 PSU OP	SDCM<5
911401583751	BN398C LED69/CW L1200 PSU OP	SDCM<5

Order Code	Full Product Name	Initial chromaticity
911401583851	BN398C LED87/NW L1500 PSU OP	SDCM<5
911401583951	BN398C LED87/CW L1500 PSU OP	SDCM<5
911401584051	BN398C LED20/NW L600 PSD OP	SDCM<5
911401584251	BN398C LED40/NW L1200 PSD OP	SDCM<5
911401584451	BN398C LED69/NW L1200 PSD OP	SDCM<5
911401584551	BN398C LED69/CW L1200 PSD OP	SDCM<5
911401584651	BN398C LED87/NW L1500 PSD OP	SDCM<5

Application Conditions

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
911401549602	BN398X LED70/840 L1500 L1 S WB	20%	Not applicable
911401550202	BN398X LED40/840 L1200 L1 W OP	20%	Not applicable
911401550802	BN398X LED70/840 L1500 L1 W OP	20%	Not applicable
911401564591	BN398X LED20/840 L600 L1 S OP	20%	Not applicable
911401564691	BN398X LED20/865 L600 L1 S OP	20%	Not applicable
911401564791	BN398X LED20/840 L600 L1 S WB	20%	Not applicable
911401564891	BN398X LED20/865 L600 L1 S WB	20%	Not applicable
911401564991	BN398X LED40/840 L1200 L1 S OP	20%	Not applicable
911401565091	BN398X LED40/865 L1200 L1 S OP	20%	Not applicable
911401565191	BN398X LED40/840 L1200 L1 S WB	20%	Not applicable
911401565291	BN398X LED40/865 L1200 L1 S WB	20%	Not applicable
911401583251	BN398C LED20/NW L600 PSU OP	-	-

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
911401583351	BN398C LED20/CW L600 PSU OP	-	-
911401583451	BN398C LED40/NW L1200 PSU OP	-	-
911401583551	BN398C LED40/CW L1200 PSU OP	-	-
911401583651	BN398C LED69/NW L1200 PSU OP	-	-
911401583751	BN398C LED69/CW L1200 PSU OP	-	-
911401583851	BN398C LED87/NW L1500 PSU OP	-	-
911401583951	BN398C LED87/CW L1500 PSU OP	-	-
911401584051	BN398C LED20/NW L600 PSD OP	-	-
911401584251	BN398C LED40/NW L1200 PSD OP	-	-
911401584451	BN398C LED69/NW L1200 PSD OP	-	-
911401584551	BN398C LED69/CW L1200 PSD OP	-	-
911401584651	BN398C LED87/NW L1500 PSD OP	-	-

