



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

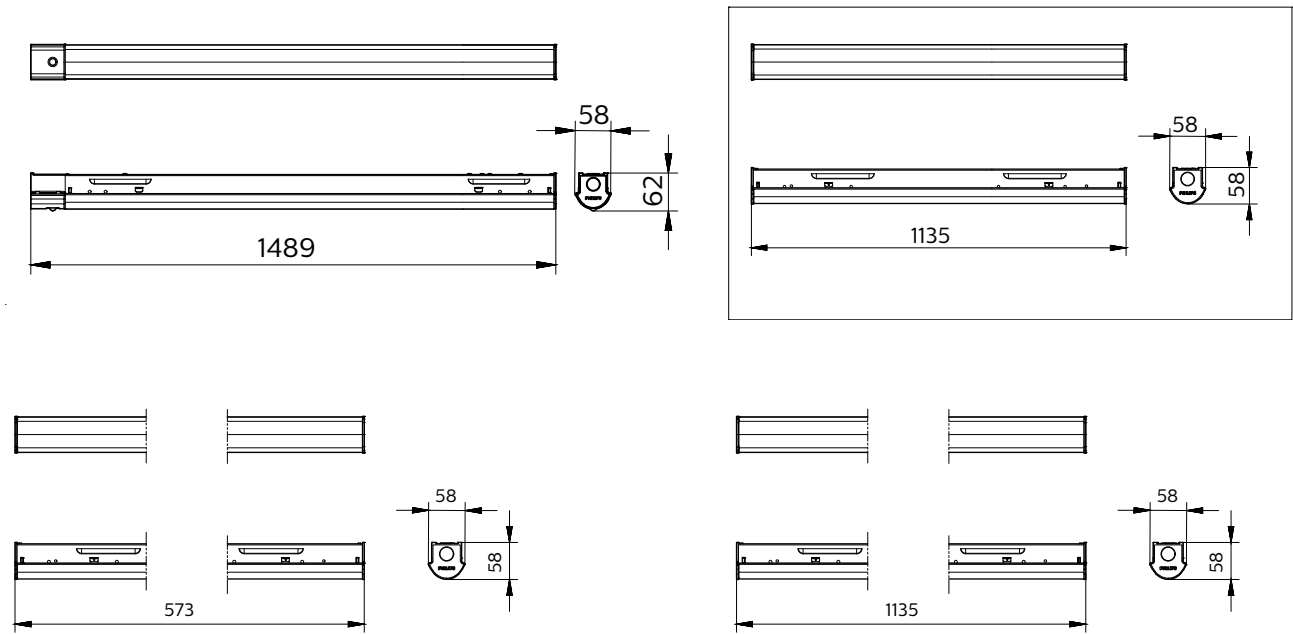
Versions



GreenPerform BN398

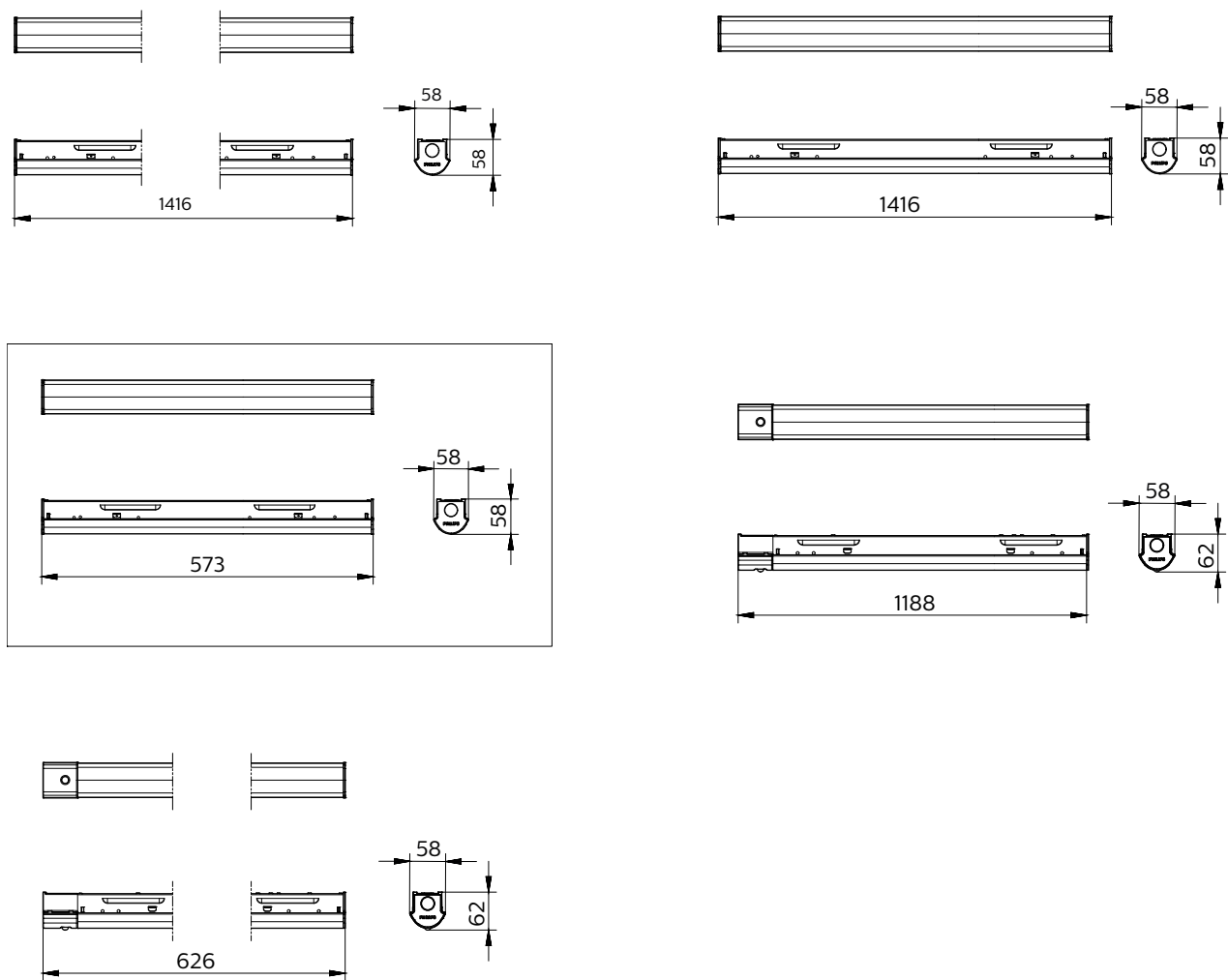
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Dimensional drawing



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Dimensional drawing



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General Information	
Gear	-
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Mechanical and Housing	
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
CE mark	Yes
ENEC mark	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Driver included	Number of gear units
911401549002	BN398X LED69/840 L1200 L1 S OP	Yes	1 unit
911401549602	BN398X LED70/840 L1500 L1 S WB	Yes	1 unit
911401549702	BN398X LED70/865 L1500 L1 S WB	Yes	1 unit
911401549802	BN398X LED20/840 L600 L1 W OP	Yes	1 unit
911401549902	BN398X LED20/865 L600 L1 W OP	Yes	1 unit
911401550102	BN398X LED20/865 L600 L1 W WB	Yes	1 unit
911401550202	BN398X LED40/840 L1200 L1 W OP	Yes	1 unit
911401550302	BN398X LED40/865 L1200 L1 W OP	Yes	1 unit
911401550602	BN398X LED69/840 L1200 L1 W OP	Yes	1 unit
911401550802	BN398X LED70/840 L1500 L1 W OP	Yes	1 unit
911401564591	BN398X LED20/840 L600 L1 S OP	Yes	1 unit
911401583251	BN398C LED20/NW L600 PSU OP	-	-
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	-	-
911401584451	BN398C LED69/NW L1200 PSD OP	-	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401549002	BN398X LED69/840 L1200 L1 S OP	- degree(s)	4000 K	≥80	138.77551020408163 lm/W
911401549602	BN398X LED70/840 L1500 L1 S WB	- degree(s)	4000 K	≥80	136.53846153846155 lm/W
911401549702	BN398X LED70/865 L1500 L1 S WB	- degree(s)	6500 K	≥80	136.53846153846155 lm/W
911401549802	BN398X LED20/840 L600 L1 W OP	- degree(s)	4000 K	≥80	146.66666666666666 lm/W
911401549902	BN398X LED20/865 L600 L1 W OP	- degree(s)	6500 K	≥80	146.66666666666666 lm/W
911401550102	BN398X LED20/865 L600 L1 W WB	- degree(s)	6500 K	≥80	148.14814814814815 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401550202	BN398X LED40/840 L1200 L1 W OP	- degree(s)	4000 K	≥80	142.30769230769232 lm/W
911401550302	BN398X LED40/865 L1200 L1 W OP	- degree(s)	6500 K	≥80	142.30769230769232 lm/W
911401550602	BN398X LED69/840 L1200 L1 W OP	- degree(s)	4000 K	≥80	138.77551020408163 lm/W
911401550802	BN398X LED70/840 L1500 L1 W OP	- degree(s)	4000 K	≥80	145.09803921568627 lm/W
911401564591	BN398X LED20/840 L600 L1 S OP	- degree(s)	4000 K	≥80	146.66666666666666 lm/W

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Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401583251	BN398C LED20/NW L600 PSU OP	-	4000 K	>80	147 lm/W
911401583351	BN398C LED20/CW L600 PSU OP	-	6500 K	>80	147 lm/W
911401583451	BN398C LED40/NW L1200 PSU OP	-	4000 K	>80	141 lm/W
911401583551	BN398C LED40/CW L1200 PSU OP	-	6500 K	>80	141 lm/W
911401583651	BN398C LED69/NW	-	4000 K	>80	140 lm/W

	L1200 PSU OP				
911401583751	BN398C LED69/CW L1200 PSU OP	-	6500 K	>80	140 lm/W
911401583851	BN398C LED87/NW L1500 PSU OP	-	4000 K	>80	140 lm/W
911401583951	BN398C LED87/CW L1500 PSU OP	-	6500 K	>80	140 lm/W
911401584451	BN398C LED69/NW L1200 PSD OP	-	4000 K	>80	138 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type
911401549002	BN398X LED69/840 L1200 L1 S OP	6,800 lm	4	Opal
911401549602	BN398X LED70/840 L1500 L1 S WB	7,100 lm	5	Opal
911401549702	BN398X LED70/865 L1500 L1 S WB	7,100 lm	5	Opal
911401549802	BN398X LED20/840 L600 L1 W OP	2,200 lm	2	Opal
911401549902	BN398X LED20/865 L600 L1 W OP	2,200 lm	2	Opal
911401550102	BN398X LED20/865 L600 L1 W WB	2,000 lm	2	Opal
911401550202	BN398X LED40/840 L1200 L1 W OP	3,700 lm	4	Opal
911401550302	BN398X LED40/865 L1200 L1 W OP	3,700 lm	4	Opal
911401550602	BN398X LED69/840 L1200 L1 W OP	6,800 lm	4	Opal
911401550802	BN398X LED70/840 L1500 L1 W OP	7,400 lm	5	Opal

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type
911401564591	BN398X LED20/840 L600 L1 S OP	2,200 lm	2	Opal
911401583251	BN398C LED20/NW L600 PSU OP	2,100 lm	-	-
911401583351	BN398C LED20/CW L600 PSU OP	2,100 lm	-	-
911401583451	BN398C LED40/NW L1200 PSU OP	4,100 lm	-	-
911401583551	BN398C LED40/CW L1200 PSU OP	4,100 lm	-	-
911401583651	BN398C LED69/NW L1200 PSU OP	6,900 lm	-	-
911401583751	BN398C LED69/CW L1200 PSU OP	6,900 lm	-	-
911401583851	BN398C LED87/NW L1500 PSU OP	8,600 lm	-	-
911401583951	BN398C LED87/CW L1500 PSU OP	8,600 lm	-	-
911401584451	BN398C LED69/NW L1200 PSD OP	6,800 lm	-	-

Operating and Electrical

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Order Code	Full Product Name	Power Consumption	Suitable for random switching
911401549002	BN398X LED69/840 L1200 L1 S OP	49 W	Not applicable
911401549602	BN398X LED70/840 L1500 L1 S WB	52 W	Not applicable
911401549702	BN398X LED70/865 L1500 L1 S WB	52 W	Not applicable
911401549802	BN398X LED20/840 L600 L1 W OP	15 W	Not applicable
911401549902	BN398X LED20/865 L600 L1 W OP	15 W	Not applicable
911401550102	BN398X LED20/865 L600 L1 W WB	13.5 W	Not applicable
911401550202	BN398X LED40/840 L1200 L1 W OP	26 W	Not applicable
911401550302	BN398X LED40/865 L1200 L1 W OP	26 W	Not applicable
911401550602	BN398X LED69/840 L1200 L1 W OP	49 W	Not applicable
911401550802	BN398X LED70/840 L1500 L1 W OP	51 W	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401549002	BN398X LED69/840 L1200 L1 S OP	No	20%
911401549602	BN398X LED70/840 L1500 L1 S WB	No	20%
911401549702	BN398X LED70/865 L1500 L1 S WB	No	20%
911401549802	BN398X LED20/840 L600 L1 W OP	Wireless Dim	20%
911401549902	BN398X LED20/865 L600 L1 W OP	Wireless Dim	20%
911401550102	BN398X LED20/865 L600 L1 W WB	Wireless Dim	20%
911401550202	BN398X LED40/840 L1200 L1 W OP	Wireless Dim	20%
911401550302	BN398X LED40/865 L1200 L1 W OP	Wireless Dim	20%
911401550602	BN398X LED69/840 L1200 L1 W OP	Wireless Dim	20%
911401550802	BN398X LED70/840 L1500 L1 W OP	Wireless Dim	20%

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Housing Color
911401549002	BN398X LED69/840 L1200 L1 S OP	Without lens	White
911401549602	BN398X LED70/840 L1500 L1 S WB	Without lens	White
911401549702	BN398X LED70/865 L1500 L1 S WB	Without lens	White
911401549802	BN398X LED20/840 L600 L1 W OP	Without lens	White
911401549902	BN398X LED20/865 L600 L1 W OP	Without lens	White

Order Code	Full Product Name	Power Consumption	Suitable for random switching
911401564591	BN398X LED20/840 L600 L1 S OP	16.5 W	Not applicable
911401583251	BN398C LED20/NW L600 PSU OP	14.2 W	-
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	-
911401584451	BN398C LED69/NW L1200 PSD OP	49 W	-

Order Code	Full Product Name	Dimmable	Maximum dim level
911401564591	BN398X LED20/840 L600 L1 S OP	No	20%
911401583251	BN398C LED20/NW L600 PSU OP	No	-
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	-
911401584451	BN398C LED69/NW L1200 PSD OP	Yes	-

Order Code	Full Product Name	Optical cover type	Housing Color
911401550102	BN398X LED20/865 L600 L1 W WB	Without lens	White
911401550202	BN398X LED40/840 L1200 L1 W OP	Without lens	White
911401550302	BN398X LED40/865 L1200 L1 W OP	Without lens	White
911401550602	BN398X LED69/840 L1200 L1 W OP	Without lens	White
911401550802	BN398X LED70/840 L1500 L1 W OP	Without lens	White

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Order Code	Full Product Name	Optical cover type	Housing Color
911401564591	BN398X LED20/840 L600 L1 S OP	Without lens	White
911401583251	BN398C LED20/NW L600 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583351	BN398C LED20/CW L600 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583451	BN398C LED40/NW L1200 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583551	BN398C LED40/CW L1200 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583651	BN398C LED69/NW L1200 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003

Order Code	Full Product Name	Optical cover type	Housing Color
911401583751	BN398C LED69/CW L1200 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583851	BN398C LED87/NW L1500 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401583951	BN398C LED87/CW L1500 PSU OP	Polymethyl methacrylate bowl/cover	White RAL 9003
911401584451	BN398C LED69/NW L1200 PSD OP	Polymethyl methacrylate bowl/cover	White RAL 9003

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Flammability mark	Glow-wire test
911401549002	BN398X LED69/840 L1200 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549602	BN398X LED70/840 L1500 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549702	BN398X LED70/865 L1500 L1 S WB	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401549802	BN398X LED20/840 L600 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401549902	BN398X LED20/865 L600 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550102	BN398X LED20/865 L600 L1 W WB	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550202	BN398X LED40/840 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550302	BN398X LED40/865 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401550602	BN398X LED69/840 L1200 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Ambient temperature range	Flammability mark	Glow-wire test
911401550802	BN398X LED70/840 L1500 L1 W OP	-20 °C to 40 °C	-	Temperature 650 °C, duration 30 s
911401564591	BN398X LED20/840 L600 L1 S OP	0 to +30 °C	-	Temperature 650 °C, duration 30 s
911401583251	BN398C LED20/NW L600 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583351	BN398C LED20/CW L600 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583451	BN398C LED40/NW L1200 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583551	BN398C LED40/CW L1200 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583651	BN398C LED69/NW L1200 PSU OP	-20 to +40 °C	For mounting on normally flammable surfaces	-
911401583751	BN398C LED69/CW L1200 PSU OP	-20 to +40 °C	For mounting on normally	-

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Order Code	Full Product Name	Ambient temperature range	Flammability	
			mark	Glow-wire test
911401583851	BN398C	-20 to +40 °C	flammable surfaces	
	LED87/NW L1500		For mounting on normally	-
	PSU OP		flammable surfaces	
911401583951	BN398C	-20 to +40 °C	For mounting on normally	-
	LED87/CW L1500		flammable surfaces	
	PSU OP			

Order Code	Full Product Name	Ambient temperature range	Flammability	
			mark	Glow-wire test
911401584451	BN398C	-20 to +40 °C	For mounting on normally	-
	LED69/NW		flammable surfaces	
	L1200 PSD OP			

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401549002	BN398X LED69/840 L1200 L1 S OP	SDCM<21
911401549602	BN398X LED70/840 L1500 L1 S WB	SDCM<30
911401549702	BN398X LED70/865 L1500 L1 S WB	SDCM<34
911401549802	BN398X LED20/840 L600 L1 W OP	SDCM<7
911401549902	BN398X LED20/865 L600 L1 W OP	SDCM<11
911401550102	BN398X LED20/865 L600 L1 W WB	SDCM<12
911401550202	BN398X LED40/840 L1200 L1 W OP	SDCM<15
911401550302	BN398X LED40/865 L1200 L1 W OP	SDCM<19
911401550602	BN398X LED69/840 L1200 L1 W OP	SDCM<23
911401550802	BN398X LED70/840 L1500 L1 W OP	SDCM<31

Order Code	Full Product Name	Initial chromaticity
911401564591	BN398X LED20/840 L600 L1 S OP	SDCM<5
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
911401583851	BN398C LED87/NW L1500 PSU OP	SDCM<5
911401583951	BN398C LED87/CW L1500 PSU OP	SDCM<5
911401584451	BN398C LED69/NW L1200 PSD OP	SDCM<5

