



Greenperform Batten

BN208X LED40/CW L1200 ACW2 OS ACF EN

LED module, system flux 4000 lm – Power supply unit with DALI interface – Wide beam – Opal – 110° –

The GreenPerform Batten BN208C Dali is a high-quality LED batten that delivers significant energy savings of up to 50% compared to conventional T8 battens. The BN208X incorporates a reliable structure, long lifetime LED lighting and the global standard ZigBee control system, to achieve an easy-to-use networked solution. In the mean time, it helps to further increase energy saving to a maximum of 80% with daylight harvesting and occupancy sensors.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress and as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Product data

General Information			
Lamp family code	LED40S [LED module, system flux 4000 lm]	Control interface	DALI
Lamp colour code	Cool white	Connection	SI [Screw connection block]
Light source replaceable	No	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Gear	-	Flammability mark	NO [-]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	CE mark	CE mark
Driver included	Yes	ENEC mark	-
Optic type	WB [Wide beam]	UL mark	No
Optical cover/lens type	O [Opal]	Constant light output	Yes
Luminaire light beam spread	110°	Spare parts available	No
		Number of products on MCB (16 A type B)	24

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Light source engine type	LED
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Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Power factor (min.)	0.9
Power factor (nom.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Optical cover/lens finish	Opal
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4000 lm
Luminous flux tolerance	+/-7.5%

Initial LED luminaire efficacy	118 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	80
Initial chromaticity	-
Initial input power	34 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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Application Conditions

Ambient temperature range	0 to +40 °C
Maximum dimming level	1% (depends on dimmer, ELV)

Product Data

Full product code	911401831699
Order product name	BN208X LED40/CW L1200 ACW2 OS ACF EN
Order code	911401831699
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401831699
SAP net weight (piece)	1.800 kg



Dimensional drawing

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