



Greenperform Batten

BN208X LED40/CW L1200 ACW2 OS ACF EN

Greenperform Batten, 34 W, 4000 lumen, 6500 K, Wide beam, DALI

GreenPerform Batten BN208C Dali is a high quality LED batten that delivers significant energy savings of up to 50% comparing to conventional T8 battens. BN208X incorporates the 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 maximum to 80% with daylight harvest and occupancy sensor.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & 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 & product warranty will become void

Product data

General Information	
Lamp family code	LED40S [LED module, system flux 4000 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Flammability mark	-
ENEC mark	-

Glow-wire test	Temperature 650 °C, duration 30 s
Light Technical	
Luminous Flux	4,000 lumen
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	80
Light source color	Cool white
Optic type	Wide beam
Optical cover/lens type	Opal

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Luminaire light beam spread	110°
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Screw connection block 3-pole
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	0 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	Yes

Mechanical and Housing

Housing Material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Housing Color	White
Optical cover/lens finish	Opal

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Application Conditions

Maximum dim level	1% (depends on dimmer, ELV)
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Product Data

Full product code	911401831699
Order product name	BN208X LED40/CW L1200 ACW2 OS ACF EN
Order code	911401831699
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401831699
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Dimensional drawing

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