



Greenperform Batten

BN208X LED60/CW L1500 ACW2 OS ACF EN

Greenperform Batten, 51 W, 6000 lm, 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	LED60S [LED Module, system flux 6000 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	6,000 lm
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 type	Opal
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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Power Consumption	51 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 material	Polymethyl methacrylate
Housing Color	White
Optical cover finish	Opal

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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 h
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Application Conditions

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

Order product name	BN208X LED60/CW L1500 ACW2 OS ACF EN
Full product name	BN208X LED60/CW L1500 ACW2 OS ACF EN
Full product code	911401832099
Order code	911401832099
Material Nr. (12NC)	911401832099
Local order code	BN208X53WCWAC
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

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