



Greenperform Batten

BN208X LED60/NW L1500 ACW2 OS ACF EN

Greenperform Batten, 51 W, 6000 lm, 4000 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		Light Technical	
Lamp family code	LED60S [LED Module, system flux 6000 lm]	Luminous Flux	6,000 lm
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	118 lm/W
Gear	-	Color rendering index (CRI)	80
Driver included	Yes	Light source color	Neutral white
Light source engine type	LED	Optic type	Wide beam
CE mark	CE mark	Optical cover type	Opal
Flammability mark	-	Luminaire light beam spread	110°
ENEC mark	-		
Glow-wire test	Temperature 650 °C, duration 30 s	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
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

Dimensional drawing



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
Application Conditions	
Maximum dim level	1% (depends on dimmer, ELV)
Product Data	
Order product name	BN208X LED60/NW L1500 ACW2 OS ACF EN
Full product name	BN208X LED60/NW L1500 ACW2 OS ACF EN
Full product code	911401831999
Order code	911401831999
Material Nr. (12NC)	911401831999
Local order code	BN208X53WNWAC
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

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