PHILIPS

Greenperform Batten

BN208C



Energy-efficient lighting for industrial and commercial applications

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.

Benefits

- High energy saving – up to 50% comparing to TL-8 batten
- Comfort light with accurate colour
- Safe and reliable
- Installation Flexibility
- Networking lighting

Applications

- General Lighting
- Cove Lighting
- Indoor Parking

Features

- System efficacy 117lm/W, 4000/6000lm
- Frosted PC cover, CRI 80
- Lifetime 50Khrs @L70, CB/EMC/CE/ASNZ
- Suit for surface and suspension mounting
- Actilume Wireless 4.1+PIR/DDR sensor

- 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

Versions



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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 Technical

Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	80
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	34 W
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Maximum dim level	1% (depends on dimmer, ELV)

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Opal

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Ambient temperature range	0 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	-

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