



Energy-efficient lighting for industrial and commercial applications

Greenperform Batten

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.

Benefits

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

Features

- System efficacy 117 lm/W, 4,000/6,000 lm
- Frosted PC cover, CRI 80
- Lifetime 50 Khrs @L70, CB/EMC/CE/ASNZ
- Suitable for surface and suspension mounting
- ActiLume Wireless 4.1+PIR/DDR sensor

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Application

- General lighting
- Cove lighting
- Indoor parking

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

Accessories



Ordercode 911401567501,
911401567601, 911401567701,
911401567801, 911401568001,
911401568201, 911401568301,
911401831599, 911401831699,
911401831999, 911401832099

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Application Conditions

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

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	O
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB
UL mark	No

Initial Performance (IEC Compliant)

Initial chromaticity	-
Init. Colour rendering index	80
Initial LED luminaire efficacy	118 lm/W
Luminous flux tolerance	+/-7.5%

Mechanical and Housing

Colour	White
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General Information

Order Code	Full Product Name	Lamp family code
911401831599	BN208X LED40/NW L1200 ACW2 OS ACF EN	LED40S
911401831699	BN208X LED40/CW L1200 ACW2 OS ACF EN	LED40S
911401831999	BN208X LED60/NW L1500 ACW2 OS ACF EN	LED60S
911401832099	BN208X LED60/CW L1500 ACW2 OS ACF EN	LED60S

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
911401831599	BN208X LED40/NW L1200 ACW2 OS ACF EN	4000 K	4000 lm	34 W
911401831699	BN208X LED40/CW L1200 ACW2 OS ACF EN	6500 K	4000 lm	34 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux	Initial input power
911401831999	BN208X LED60/NW L1500 ACW2 OS ACF EN	4000 K	6000 lm	51 W
911401832099	BN208X LED60/CW L1500 ACW2 OS ACF EN	6500 K	6000 lm	51 W

