



Energy-efficient lighting for industrial and commercial applications

Greenperform Batten

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

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

Greenperform Batten

Application

- General Lighting
- Cove Lighting
- Indoor Parking

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

Accessories



GreenPerform Batten

Ordercode 911401567501,
911401567601, 911401567701,
911401567801, 911401568001,
911401568201, 911401568301,
911401830999, 911401831099,
911401831599, 911401831699,
911401831999, 911401832099

Application Conditions

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

Approval and Application

Mech. impact protection code	IK03
Ingress protection code	IP20

Controls and Dimming

Dimmable	Yes
----------	-----

Operating and Electrical

Input Voltage	220 to 240 V
---------------	--------------

General Information

CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Opal
Driver included	Yes
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Wide beam
UL mark	-

Initial Performance (IEC Compliant)

Initial chromaticity	-
Init. Color Rendering Index	80
Initial LED luminaire efficacy	118 lm/W
Luminous flux tolerance	+/-7.5%

Mechanical and Housing

Color	White
-------	-------

Application Conditions

Order Code	Full Product Name	Ambient temperature range
911401830999	BN208C LED40/NW L1200 PSD ACF EN	-20 to +40 °C
911401831099	BN208C LED40/CW L1200 PSD ACF EN	-20 to +40 °C
911401831599	BN208X LED40/NW L1200 ACW2 OS ACF EN	0 to +40 °C
911401831699	BN208X LED40/CW L1200 ACW2 OS ACF EN	0 to +40 °C
911401831999	BN208X LED60/NW L1500 ACW2 OS ACF EN	0 to +40 °C
911401832099	BN208X LED60/CW L1500 ACW2 OS ACF EN	0 to +40 °C

General Information

Order Code	Full Product Name	Lamp family code
911401830999	BN208C LED40/NW L1200 PSD ACF EN	LED40S
911401831099	BN208C LED40/CW L1200 PSD ACF EN	LED40S
911401831599	BN208X LED40/NW L1200 ACW2 OS ACF EN	LED40S

Order Code	Full Product Name	Lamp family code
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. Color Temperature	Initial luminous flux	Initial input power
911401830999	BN208C LED40/NW L1200 PSD ACF EN	4000 K	4000 lm	34 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
911401831099	BN208C LED40/CW L1200 PSD ACF EN	6500 K	4000 lm	34 W

Greenperform Batten

Order Code	Full Product Name	Init. Corr. Color 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. Color 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

