# **PHILIPS** Lighting



# 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

- $\cdot$  High energy saving up to 50% comparing to TL-8 batten
- Comfort light with accurate colour
- $\cdot$  Safe and reliable
- $\cdot$  Installation flexibility
- $\cdot$  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
- $\boldsymbol{\cdot}$  Suitable for surface and suspension mounting
- ActiLume Wireless 4.1+PIR/DDR sensor

### **Greenperform Batten**

#### Application

- $\cdot$  General lighting
- $\cdot$  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

#### Versions



## **Greenperform Batten**

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
Operating and electrical	
Input Voltage	220 to 240 V
General information	
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	0
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

#### General information

Order Code	Full Product Name	Lamp family code
911401831599	BN208X LED40/NW 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)

				Initial					Initia
		Init. Corr. Colour	Initial	input			Init. Corr. Colour	Initial	inpu
Order Code	Full Product Name	Temperature	luminous flux	power	Order Code	Full Product Name	Temperature	luminous flux	powe
911401831599	BN208X LED40/NW	4000 K	4000 lm	34 W	911401832099	BN208X LED60/CW	6500 K	6000 lm	51 W
	L1200 ACW2 OS ACF					L1500 ACW2 OS ACF			
	EN					EN			
911401831999	BN208X LED60/NW	4000 K	6000 lm	51 W					
	L1500 ACW2 OS ACF								
	EN								

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