



Greenperform Batten

BN208X LED40/NW L1200 ACW2 OS ACF EN

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.

Product data

General Information		Number of products on MCB	
Lamp family code	LED40S [LED Module, system flux 4000 lm]		24
Lamp colour code	Neutral white	Operating and Electrical	
Light source replaceable	No	Input voltage	220 to 240 V
Number of gear units	1 unit	Input frequency	50 to 60 Hz
Gear	-	Power factor (nom.)	0.9
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Optic type	WB [Wide beam]	Mechanical and Housing	
Optical cover/lens type	O [Opal]	Housing material	Steel
Luminaire light beam spread	110°	Optic material	Polycarbonate
Connection	SI [Screw connection block]	Optical cover/lens material	Polymethyl methacrylate
Protection class IEC	Safety class I (I)	Gear tray material	Steel
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]	Approval and Application	
Flammability mark	NO [-]	Ingress protection code	IP20 [Finger-protected]
CE mark	CE mark	Mech. impact protection code	IK02 [0.2 J standard]
ENEC mark	-		
UL mark	No		
Constant light output	Yes		
Spare parts available	No		

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Initial Performance (IEC Compliant)

Initial luminous flux	4000 lm
Luminous flux tolerance	+/-7.5%
Initial LED luminaire efficacy	118 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	80
Initial chromaticity	-
Initial input power	34 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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Application Conditions

Ambient temperature range	-20 to +40 °C
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Maximum dimming level	1% (depends on dimmer, ELV)
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Product Data

Full product code	911401831599
Order product name	BN208X LED40/NW L1200 ACW2 OS ACF EN
Order code	01831599
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401831599
Net weight (piece)	1.800 kg



Warnings and Safety

Dimensional drawing



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