



Essential Smartbright Wide Batten BN005C

BN005C LED22/WW L600 PSU GM

Essential Smartbright Wide Batten BN005C, 20 W, 1100 lm, 3000 K, Symmetrical

Philips Essential smartbright wide batten offers exceptional value. It is Perfect for your everyday lighting installations. Available in 2 standard sizes, it has option of 3 CCTs to suit different requirements.

Product data

General Information		Unified glare rating CEN		Not applicable	
Number of gear units	1 unit	Effective projected area	0.75 m ²		
Gear	EB [Electronic]	Operating and Electrical			
Driver included	Yes	Input Voltage	220 to 240 V		
Light source engine type	LED	Line Frequency	50 or 60 Hz		
Value ladder	Value	Inrush current	30 A		
Warranty period	2 years	Inrush time	0.015 ms		
Light Technical		Power Consumption	20 W		
Luminous Flux	1,100 lm	Power Factor (Fraction)	0.5		
Correlated Color Temperature (Nom)	3000 K	Connection	-		
Luminous Efficacy (rated) (Nom)	105 lm/W	Cable	Cable 0.2 m without plug		
Color rendering index (CRI)	≥80	Number of products on MCB of 16 A type B	96		
Number of light sources	1	Suitable for random switching	No		
Beam angle of light source	115 degree(s)	Protection class IEC	Safety class II		
Light source color	830 warm white	Controls and Dimming			
Optic type	Symmetrical	Dimmable	-		
Luminaire light beam spread	115°				

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Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Mounting device	Mounting bracket
Optical cover finish	-
Overall length	600 mm
Overall width	70 mm
Overall height	27 mm
Dimensions (Height x Width x Depth)	27 x 70 x 600 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	0.150 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No

ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.43, 0.40) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BN005C LED22/WW L600 PSU GM
Full product name	BN005C LED22/WW L600 PSU GM
Full product code	871951496186999
Order code	911401899084
Material Nr. (12NC)	911401899084
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514961869
Numerator - Packs per outer box	50
EAN/UPC - Case	8719514961982

Dimensional drawing

