



# Essential Smartbright Wide Batten BN005C

## BN005C LED40/CW L1200 PSU GM

Essential Smartbright Wide Batten BN005C, 40 W, 4000 lm, 6500 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		Effective projected area	
Number of gear units	1 unit		0.75 m <sup>2</sup>
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
Lifetime	20 000 hrs	Inrush current	39 A
Warranty period	2 years	Inrush time	0.026 ms
Light Technical		Power Consumption	40 W
Luminous Flux	4,000 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	6500 K	Connection	-
Luminous Efficacy (rated) (Nom)	100 lm/W	Cable	Cable 0.2 m without plug
Color rendering index (CRI)	≥80	Number of products on MCB of 16 A type B	48
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	865 cool daylight	Controls and Dimming	
Optic type	Symmetrical	Dimmable	-
Luminaire light beam spread	115°	Control interface	-
Unified glare rating CEN	Not applicable		

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Maximum dim level	Not applicable
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## 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	1,200 mm
Overall width	70 mm
Overall height	27 mm
Dimensions (Height x Width x Depth)	27 x 70 x 1200 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	0.250 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	(0.31, 0.33) SDCM≤6
Power consumption tolerance	+/-10%

## Product Data

Order product name	BN005C LED40/CW L1200 PSU GM
Full product name	BN005C LED40/CW L1200 PSU GM
Full product code	871951496191399
Order code	911401899584
Material Nr. (12NC)	911401899584
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514961913
Numerator - Packs per outer box	40
EAN/UPC - Case	8719514962033

## Dimensional drawing

