PHILIPS Lighting



Philips Essential Smartbright Wide Batten is a slim design and provide flexibility to customer to choose from 3 CCT and 2 wattage options, based on their specific need.

Essential Smartbright Wide Batten BN005C

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.

Benefits

- 20K Hrs life @L70B50@ta25, 2 Years warranty
- 100 Lm/Watt efficacy
- \cdot CCC/CB/CE Certified

Essential Smartbright Wide Batten BN005C

Features

- 20K Hrs life @L70B50@ta25, 2 Years warranty
- 2 power output, 3 CCT Option to suit different need
- 100 Lm/Watt
- CRI 80

Application

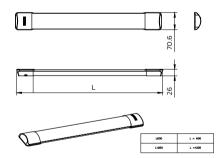
- Airports
- Warehouses
- Hospitality

Versions



BN005 L1200 STD

Dimensional drawing



Essential Smartbright Wide Batten BN005C

General Information	
Driver included	Yes
Gear	EB
Number of gear units	1 unit
Light Technical	
Beam angle of light source	115 degree(s)
Color rendering index (CRI)	≥80
Number of light sources	1
Optic type	Symmetrical
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	-
Maximum dim level	Not applicable
Mechanical and Housing	
Optical cover type	Opal
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20
Annual and Annulisation	
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
ENEC mark	-
Flammability mark	For mounting on
	normally
	flammable
Class wire test	surfaces
Glow-wire test	Temperature 650
	°C, duration 30 s
Initial Derformance (IEC Complian	+)
Initial Performance (IEC Complian	-
Luminous flux tolerance	-10% / +10%

Light Technical

		Correlated Color	Luminous Efficacy	
Order Code	Full Product Name	Temperature (Nom)	(rated) (Nom)	Luminous Flux
96189099	BN005C LED40/WW L1200 PSU	3000 K	95 lm/W	3,800 lm
	GM			
96190699	BN005C LED40/NW L1200 PSU	4000 K	100 lm/W	4,000 lm
	GM			
96191399	BN005C LED40/CW L1200 PSU	6500 K	100 lm/W	4,000 lm
	GM			
96186999	BN005C LED22/WW L600 PSU	3000 K	105 lm/W	1,100 lm
	GM			
96187699	BN005C LED22/NW L600 PSU	4000 K	110 lm/W	2,200 lm
	GM			
96188399	BN005C LED22/CW L600 PSU	6500 K	110 lm/W	2,200 lm
	GM			

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
96189099	BN005C LED40/WW L1200 PSU GM	40 W	96186999	BN005C LED22/WW L600 PSU GM	20 W
96190699	BN005C LED40/NW L1200 PSU GM	40 W	96187699	BN005C LED22/NW L600 PSU GM	20 W
96191399	BN005C LED40/CW L1200 PSU GM	40 W	96188399	BN005C LED22/CW L600 PSU GM	20 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity		Order Code	Full Product Name	Initial chromaticity
96189099	BN005C LED40/WW L1200 PSU GM	(0.43, 0.40) SDCM≤6	_	96190699	BN005C LED40/NW L1200 PSU GM	(0.38, 0.38) SDCM≤6

Essential Smartbright Wide Batten BN005C

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
96191399	BN005C LED40/CW L1200 PSU GM	(0.31, 0.33) SDCM≤6	96187699	BN005C LED22/NW L600 PSU GM	(0.38, 0.38) SDCM≤6
96186999	BN005C LED22/WW L600 PSU GM	(0.43, 0.40) SDCM≤6	96188399	BN005C LED22/CW L600 PSU GM	(0.31, 0.33) SDCM≤6



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