



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
- CCC/CB/CE Certified

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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

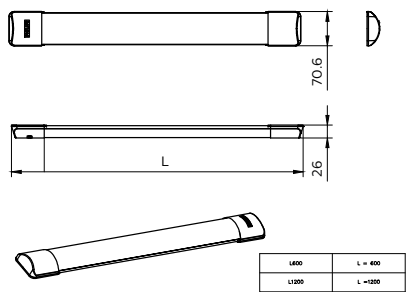
- Airports
- Warehouses
- Hospitality

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
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	No
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%

Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
96189099	BN005C LED40/WW L1200 PSU GM	40 W
96190699	BN005C LED40/NW L1200 PSU GM	40 W
96191399	BN005C LED40/CW L1200 PSU GM	40 W

Order Code	Full Product Name	Power Consumption
96186999	BN005C LED22/WW L600 PSU GM	20 W
96187699	BN005C LED22/NW L600 PSU GM	20 W
96188399	BN005C LED22/CW L600 PSU GM	20 W

Initial Performance (IEC Compliant)

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

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

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

Order Code	Full Product Name	Initial chromaticity
96187699	BN005C LED22/NW L600 PSU GM	(0.38, 0.38) SDCM≤6
96188399	BN005C LED22/CW L600 PSU GM	(0.31, 0.33) SDCM≤6

