



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

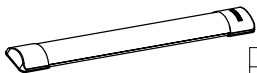
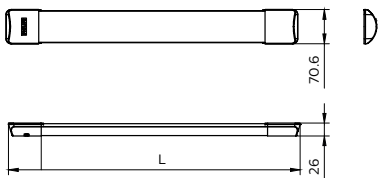
Versions



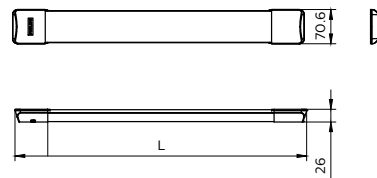
BN005 L1200 STD

BN005 L1600 STD

Dimensional drawing



L=600	L=800
L=1200	L=1200



L=800	L=800
L=1000	L=1000

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)
Number of light sources	1
Optic type	Symmetrical
Operating and Electrical	
Protection class IEC	Safety class II
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 Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401828387	BN005C LED22/WW L1000 PSU LA	3000 K	≥70	88 lm/W	2,040 lm
911401828487	BN005C LED22/NW L1000 PSU LA	4000 K	≥70	95 lm/W	2,200 lm
911401828587	BN005C LED22/CW L1000 PSU LA	6500 K	≥70	95 lm/W	2,200 lm
911401899384	BN005C LED40/WW L1200 PSU GM	3000 K	≥80	95 lm/W	3,800 lm
911401899484	BN005C LED40/NW L1200 PSU GM	4000 K	≥80	100 lm/W	4,000 lm
911401899584	BN005C LED40/CW L1200 PSU GM	6500 K	≥80	100 lm/W	4,000 lm
911401828087	BN005C LED11/WW L500 PSU LA	3000 K	≥70	88 lm/W	1,020 lm
911401828187	BN005C LED11/NW L500 PSU LA	4000 K	≥70	95 lm/W	1,100 lm
911401828287	BN005C LED11/CW L500 PSU LA	6500 K	≥70	95 lm/W	1,100 lm
911401899084	BN005C LED22/WW L600 PSU GM	3000 K	≥80	105 lm/W	1,100 lm
911401899184	BN005C LED22/NW L600 PSU GM	4000 K	≥80	110 lm/W	2,200 lm
911401899284	BN005C LED22/CW L600 PSU GM	6500 K	≥80	110 lm/W	2,200 lm

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
911401828387	BN005C LED22/WW L1000 PSU LA	120/240 V	23 W
911401828487	BN005C LED22/NW L1000 PSU LA	120/240 V	23 W
911401828587	BN005C LED22/CW L1000 PSU LA	120/240 V	23 W
911401899384	BN005C LED40/WW L1200 PSU GM	220 to 240 V	40 W
911401899484	BN005C LED40/NW L1200 PSU GM	220 to 240 V	40 W
911401899584	BN005C LED40/CW L1200 PSU GM	220 to 240 V	40 W

Order Code	Full Product Name	Input Voltage	Power Consumption
911401828087	BN005C LED11/WW L500 PSU LA	120/240 V	11.5 W
911401828187	BN005C LED11/NW L500 PSU LA	120/240 V	11.5 W
911401828287	BN005C LED11/CW L500 PSU LA	120/240 V	11.5 W
911401899084	BN005C LED22/WW L600 PSU GM	220 to 240 V	20 W
911401899184	BN005C LED22/NW L600 PSU GM	220 to 240 V	20 W
911401899284	BN005C LED22/CW L600 PSU GM	220 to 240 V	20 W

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Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
911401828387	BN005C LED22/WW L1000 PSU LA	(0.44, 0.40) SDCM \leq 7	911401828087	BN005C LED11/WW L500 PSU LA	(0.44, 0.40) SDCM \leq 7
911401828487	BN005C LED22/NW L1000 PSU LA	(0.38, 0.38) SDCM \leq 7	911401828187	BN005C LED11/NW L500 PSU LA	(0.38, 0.38) SDCM \leq 7
911401828587	BN005C LED22/CW L1000 PSU LA	(0.31, 0.34) SDCM \leq 7	911401828287	BN005C LED11/CW L500 PSU LA	(0.31, 0.34) SDCM \leq 7
911401899384	BN005C LED40/WW L1200 PSU GM	(0.43, 0.40) SDCM \leq 6	911401899084	BN005C LED22/WW L600 PSU GM	(0.43, 0.40) SDCM \leq 6
911401899484	BN005C LED40/NW L1200 PSU GM	(0.38, 0.38) SDCM \leq 6	911401899184	BN005C LED22/NW L600 PSU GM	(0.38, 0.38) SDCM \leq 6
911401899584	BN005C LED40/CW L1200 PSU GM	(0.31, 0.33) SDCM \leq 6	911401899284	BN005C LED22/CW L600 PSU GM	(0.31, 0.33) SDCM \leq 6

