PHILIPS

BN005C LED22/WW L1000 PSU LA

911401828387

Essential Smartbright Wide Batten BN005C, 23 W, 2040 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.

General Information

Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	2 years

Light Technical

Luminous Flux	2,040 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	≥70
Number of light sources	1
Beam angle of light source	115 degree(s)
Light source color	730 warm white
Optic type	Symmetrical
Luminaire light beam spread	115°
Unified glare rating CEN	Not applicable
Effective projected area	0.75 m^2

Operating and Electrical

Input Voltage	120/240 V
Line Frequency	50 or 60 Hz
Inrush current	20 A
Inrush time	0.01 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 0.2 m without plug

Number of products on MCB of 16 A type B	124
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	-
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	1,000 mm
Overall width	70 mm
Overall height	26 mm
Dimensions (Height x Width x Depth)	26 x 70 x 1000 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	0.210 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

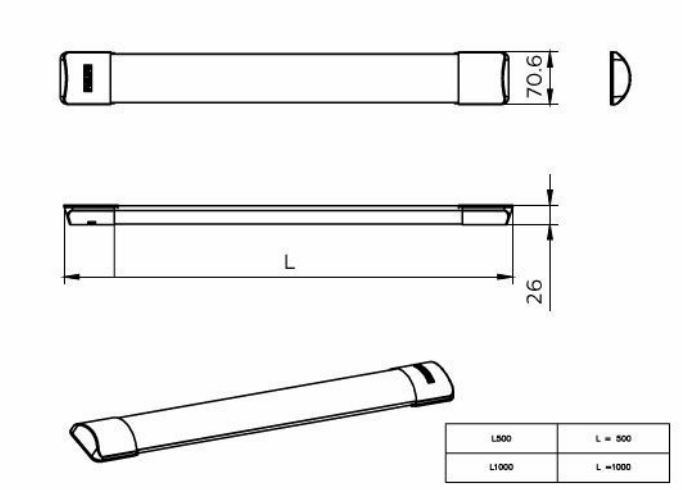
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.44, 0.40) SDCM≤7
Power consumption tolerance	+/-10%

Product Data

Order product name	BN005C LED22/WW L1000 PSU LA
Full product name	BN005C LED22/WW L1000 PSU LA
Full product code	872016976072199
Order code	911401828387
Material Nr. (12NC)	911401828387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169760721
Numerator - Packs per outer box	40
EAN/UPC - Case	8720169760929

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	ESB-BN005C-LA.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	BN005C-LED22-WW-L1000-PSU-LA.ies	Download

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