PHILIPS

BN017C LED50/840 3ft

911401806387



Essential Smartbright LED Batten, 50 W, 5000 lm, 4000 K, Wide beam

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. This new batten range of LED products can be used to replace traditional battens with fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	1 years

Light Technical

Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	110 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	110°
Unified glare rating CEN	30

Operating and Electrical

Input Voltage	220 V
Line Frequency	60 Hz
Inrush current	32 A
Inrush time	0.275 ms
Power Consumption	50 W
Power Factor (Fraction)	0.5
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	16
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	-
Control interface	-
Maximum dim level	Not applicable

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<7
Power consumption tolerance	+/-10%

Mechanical and Housing

Housing Material	Polypropylene
Reflector material	-
Optic material	Polypropylene
Optical cover material	Polypropylene
Housing Color	White
Mounting device	Mounting bracket
Optical cover finish	Opal
Overall length	893 mm
Overall width	60 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 60 x 893 mm
Ingress protection code	IP20 [No protection]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Opal
Net Weight (Piece)	0.390 kg

Product Data

Order product name	BN017C LED50/840 3ft
Full product name	BN017C LED50/840 3ft
Full product code	872016975111899
Order code	911401806387
Material Nr. (12NC)	911401806387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751118
Numerator - Packs per outer box	30
EAN/UPC - Case	8720169751170

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

Dimensional drawing



Related Documents

Photometry and lighting design	Document Name	Download
IES File	BN017C-LED50-840-3FT.ies	Download

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