



Essential Smartbright Bulkhead

WT045C LED12/NW PSU CFW L1065

Essential Smartbright Bulkhead, 12 W, 960 lm, 4000 K, 100° x 120°

The new Philips Essential smartbright Bulkhead offers exceptional value. It is Perfect for your everyday indoor and semi outdoor lighting installations. It comes with option of 2 sizes and is dust and waterproof.

Product data

General Information		Line Frequency	
Number of gear units	1 unit		50 or 60 Hz
Driver included	Yes	Power Consumption	12 W
Light source engine type	LED	Power Factor (Fraction)	0.5
Value ladder	Value	Connection	Connection unit 2-pole
Warranty period	1 years	Number of products on MCB of 16 A type B	120
		Protection class IEC	Safety class II
Light Technical		Controls and Dimming	
Luminous Flux	960 lm	Dimmable	No
Correlated Color Temperature (Nom)	4000 K	Driver/power unit/transformer	Power supply unit (On/Off)
Luminous Efficacy (rated) (Nom)	80 lm/W	Control interface	-
Color rendering index (CRI)	>70	Constant light output	No
Beam angle of light source	120 degree(s)	Maximum dim level	Not applicable
Light source color	740 neutral white		
Luminaire light beam spread	100° x 120°	Mechanical and Housing	
		Housing Material	Polypropylene
Operating and Electrical		Reflector material	Polycarbonate
Input Voltage	220 to 240 V	Optic material	Polycarbonate

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Optical cover material	Polycarbonate
Fixation material	Polypropylene
Housing Color	White
Optical cover finish	Opal
Overall height	76 mm
Overall diameter	170 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	0.190 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	No
Ambient temperature range	-30 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	SDCM<6
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.007 %
Median useful life L70B50	20,000 hour(s)

Product Data

Order product name	WT045C LED12/NW PSU CFW L1065
Full product name	WT045C LED12/NW PSU CFW L1065
Full product code	871016333528599
Order code	33528599
Material Nr. (12NC)	911401735842
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163335285
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163335322

Dimensional drawing

