



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		Optical cover type	
Number of gear units	1 unit	Luminaire light beam spread	Polycarbonate bowl/cover
Driver included	Yes		100° x 120°
Light source engine type	LED	Operating and Electrical	
CE mark	CE mark	Input Voltage	220 to 240 V
Warranty period	1 years	Line Frequency	50 or 60 Hz
Flammability mark	-	Power Consumption	12 W
ENEC mark	-	Power Factor (Fraction)	0.5
Glow-wire test	Temperature 650 °C, duration 30 s	Connection	Connection unit 2-pole
EU RoHS compliant	No	Number of products on MCB of 16 A type B	120
Light Technical		Temperature	
Luminous Flux	960 lm	Ambient temperature range	-30 to +35 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	80 lm/W	Dimmable	No
Color rendering index (CRI)	>70	Driver/power unit/transformer	Power supply unit (On/Off)
Beam angle of light source	120 degree(s)	Control interface	-
Light source color	740 neutral white		

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Constant light output	No
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Mechanical and Housing

Housing Material	Polypropylene
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Polypropylene
Housing Color	White
Optical cover finish	Opal
Overall height	76 mm
Overall diameter	170 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

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

Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

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

Application Conditions

Maximum dim level	Not applicable
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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	911401735842
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

