



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

Essential Smartbright Bulkhead

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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
EU RoHS compliant	No

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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)

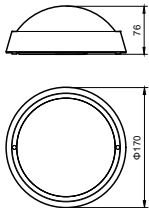
Application Conditions

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
Net Weight (Piece)	0.190 kg
EAN/UPC - Product/Case	8710163335285
Numerator - Packs per outer box	24
EAN/UPC - Case	8710163335322

Dimensional drawing





Essential Smartbright Bulkhead

WT045C LED20/NW PSU CFW L1665

Essential Smartbright Bulkhead, 20 W, 1600 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		Power Consumption	
Number of gear units	1 unit	Power Consumption	20 W
Driver included	Yes	Power Factor (Fraction)	0.5
Light source engine type	LED	Connection	Connection unit 2-pole
Light Technical		Number of products on MCB of 16 A type B 75	
Luminous Flux	1,600 lm	Temperature	
Luminous Efficacy (rated) (Nom)	80 lm/W	Ambient temperature range	-30 to +35 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Color rendering index (CRI)	>70	Dimmable	No
Beam angle of light source	120 degree(s)	Driver/power unit/transformer	Power supply unit (On/Off)
Light source color	740 neutral white	Control interface	-
Optical cover type	Polycarbonate bowl/cover	Constant light output	No
Luminaire light beam spread	100° x 120°	Mechanical and Housing	
Operating and Electrical		Housing Material	Polypropylene
Input Voltage	220 to 240 V	Reflector material	Polycarbonate
Line Frequency	50 or 60 Hz	Optic material	Polycarbonate

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Optical cover material	Polycarbonate
Fixation material	Polypropylene
Housing Color	White
Optical cover finish	Opal
Overall height	88 mm
Overall diameter	220 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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	1 years
EU RoHS compliant	No

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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)

Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	WT045C LED20/NW PSU CFW L1665
Full product name	WT045C LED20/NW PSU CFW L1665
Full product code	871016333530899
Order code	911401735862
Material Nr. (12NC)	911401735862
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.300 kg
EAN/UPC - Product/Case	8710163335308
Numerator - Packs per outer box	20
EAN/UPC - Case	8710163335346

Dimensional drawing

