Essential Smartbright Bulkhead

WT045C LED20/NW PSU CFW L1665

20 W, Power supply unit (On/Off), Polycarbonate bowl/cover, 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

Driver included	Yes
Number of gear units	1 unit
Light source engine type	LED

Light Technical

Luminous Flux	1,600 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>70
Beam angle of light source	120 degree(s)
Light source color	740 neutral white
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	100° x 120°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Input Frequency

Input Frequency	50 or 60 Hz
Power Consumption	20 W
Power Factor (Fraction)	0.5
Connection	Connection unit 2-pole
Number of products on MCB of 16 A type B	–

Temperature

Ambient temperature range	–30 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Polypropylene
Reflector material	Polycarbonate

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polypropylene
Housing Color	White
Optical cover/lens 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

Product Data

Full product code	871016333530899
Order product name	WT045C LED20/NW PSU CFW L1665
Order code	911401735862
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	20
Material number (12NC)	911401735862
Full product name	WT045C LED20/NW PSU CFW L1665
EAN/UPC – Case	8710163335346

IP 65　IK 06

Dimensional drawing

88

Φ220