



Essential Smartbright Bulkhead

WT045C LED20/NW PSU CFW L1665

Power supply unit - 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	
Beam angle of light source	120°
Light source color	740 neutral white
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	100° x 120°
Control interface	-
Connection	Connection unit 2-pole
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
Constant light output	No
Number of products on MCB of 16 A type B	-
EU RoHS compliant	No

Light source engine type	LED
Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Power Factor (Min)	0.5
Controls and dimming	
Dimmable	No
Mechanical and housing	
Housing Material	Polypropylene
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Polypropylene
Optical cover/lens finish	Opal
Overall height	88 mm
Overall diameter	220 mm

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Color	White
Dimensions (Height x Width x Depth)	88 x NaN x NaN mm

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	1600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	80 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	SDCM<6
Initial input power	20 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Driver failure rate at 5000 h	0.007 %
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Median useful life L70B50	20000 h
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Application conditions

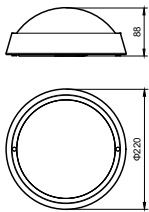
Ambient temperature range	-30 to +35 °C
Maximum dim level	Not applicable

Product data

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



Dimensional drawing



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