



# 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	
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	1 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No

Light Technical	
Luminous Flux	1,600 lm
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 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
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	-

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Constant light output	No
<b>Mechanical and Housing</b>	
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	88 mm
Overall diameter	220 mm
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<6

Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.007 %
Median useful life L70B50	20,000 hour(s)
<b>Application Conditions</b>	
Maximum dim level	Not applicable
<b>Product Data</b>	
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
EAN/UPC - Product/Case	8710163335308
Numerator - Packs per outer box	20
EAN/UPC - Case	8710163335346

### Dimensional drawing

