



# 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	
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Light Technical	
Luminous Flux	960 lm
Luminous Efficacy (rated) (Nom)	80 lm/W
Correlated Color Temperature (Nom)	4000 K
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	12 W
Power Factor (Fraction)	0.5
Connection	Connection unit 2-pole
Number of products on MCB of 16 A type B	3 120
Temperature	
Ambient temperature range	-30 to +35 ℃
Controls and Dimming	
Dimmable	No
Dimmable Driver/power unit/transformer	No Power supply unit (On/Off)
Driver/power unit/transformer	
Driver/power unit/transformer Control interface	Power supply unit (On/Off)
Driver/power unit/transformer Control interface	Power supply unit (On/Off)
Driver/power unit/transformer Control interface Constant light output	Power supply unit (On/Off)
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Power supply unit (On/Off) - No
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Power supply unit (On/Off) - No Polypropylene

## **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

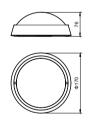
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.007 %
Median useful life L70B50	20,000 hour(s)
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	WT045C LED12/NW PSU CFW L1065
Full product name	WT045C LED12/NW PSU CFW L1065
Full product code	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

#### 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</td> Power consumption tolerance +/-10%

### Dimensional drawing





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# 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
Light Technical	
Luminous Flux	1,600 lm
Luminous Efficacy (rated) (Nom)	80 lm/W
Correlated Color Temperature (Nom)	4000 K
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	\$ 75
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
Constant light output	No
Constant light output Mechanical and Housing	No
	No Polypropylene
Mechanical and Housing	
Mechanical and Housing Housing Material	Polypropylene

## **Essential Smartbright Bulkhead**

Optical cover material	Polycarbonate
Fixation material	Polypropylene
Housing Color	White
Optical cover finish	Opal
Overall height	88 mm
Overall diameter	220 mm

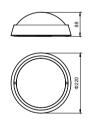
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.007 %
Median useful life L70B50	20,000 hour(s)
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	WT045C LED20/NW PSU CFW L1665
Full product name	WT045C LED20/NW PSU CFW L1665
Full product code	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

#### 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</td> Power consumption tolerance +/-10%

### Dimensional drawing





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