



SmartBright All-in Floodlight

BVP158 LED105/WW_NW_CW PSU 90W AWB GM

SmartBright All-in Floodlight, 10000 lm, 10500 lm, 90 W, 830 warm white and 865 cool daylight, 92° x 52°, Safety class I, Mounting bracket

The SmartBright All-in Floodlight comes with a compact and sturdy design. It's a new range with robust die-cast aluminum housing suitable for general outdoor application. CCT selectable is involved that is more convenient for customers' different requirements, saving more time for product selection.

Product data

General Information		Optical cover type	
Number of gear units	1 unit	Optical cover type	Tempered glass
Gear	-	Luminaire light beam spread	92° x 52°
Driver included	Yes	Unified glare rating CEN	Not applicable
Light source engine type	LED	Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	10,000 10,500 lm	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	110 115 lm/W	Inrush current	7.60 A
Correlated Color Temperature (Nom)	3000 4200 6500 K	Inrush time	0.01385 ms
Color rendering index (CRI)	80	Power Consumption	90 W
Number of light sources	1	Power Factor (Fraction)	0.95
Beam angle of light source	95 x 52 degree(s)	Connection	Flying leads/wires
Light source color	830 warm white and 865 cool daylight	Cable	Cable 1.0 m without plug
Optic type	Assymetric Beam angle	Number of products on MCB of 16 A type B	25

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Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	-
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	RAL 7043
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	220 mm
Overall width	304 mm
Overall height	36 mm
Effective projected area	0.045 m ²
Dimensions (Height x Width x Depth)	36 x 304 x 220 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-

Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Power consumption tolerance	+/-10%

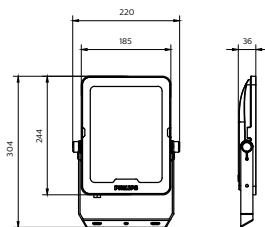
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	BVP158 LED105/WW_NW_CW PSU 90W AWB GM
Full product name	BVP158 LED105/WW_NW_CW PSU 90W AWB GM
Full product code	872016973841699
Order code	911401884286
Material Nr. (12NC)	911401884286
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.000 kg
EAN/UPC - Product/Case	8720169738416
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169738478

Dimensional drawing



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