



SmartBright All-in Floodlight

BVP158 LED120/WW_NW_CW PSU 100W SWB GM

SmartBright All-in Floodlight, 11000 lm, 12000 lm, 100 W, 3000K/4200K/6500K, 110°, 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		Luminaire light beam spread	
Number of gear units	1 unit		110°
Gear	-	Effective projected area	0.045 m ²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	3.84 A
		Inrush time	0.0244 ms
		Power Consumption	100 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	Cable 1.0 m without plug 3-pole
		Number of products on MCB of 16 A type B	22
		Suitable for random switching	Not applicable
		Protection class IEC	Safety class I
Light Technical			
Luminous Flux	11,000 12,000 lm		
Correlated Color Temperature (Nom)	3000 4200 6500 K		
Luminous Efficacy (rated) (Nom)	110 120 lm/W		
Color rendering index (CRI)	80		
Number of light sources	1		
Beam angle of light source	110 degree(s)		
Light source color	3000K/4200K/6500K		
Optic type	Wide beam		

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Controls and Dimming

Dimmable	No
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	Grey
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	304 mm
Overall width	220 mm
Overall height	36 mm
Dimensions (Height x Width x Depth)	36 x 220 x 304 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Glass
Net Weight (Piece)	1.990 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No

ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	No
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 to +40 °C

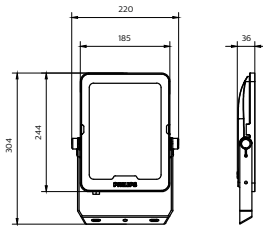
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM <5,(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP158 LED120/WW_NW_CW PSU 100W SWB GM
Full product name	BVP158 LED120/WW_NW_CW PSU 100W SWB GM
Full product code	872016973275999
Order code	911401876286
Material Nr. (12NC)	911401876286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169732759
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169732834

Dimensional drawing



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