



Essential SmartBright G5 LED Floodlight

BVP150 LED20/CW PSU 20W SWB G3 CN

Essential SmartBright G5 LED Floodlight, 2000 lm, 20 W, 865 cool daylight, 110°, Safety class I, Mounting bracket

The Essential SmartBright G5 LED Floodlight is the new successor with robust die-cast aluminum housing suitable for general outdoor application. Lightweight, with a robust die-cast aluminum housing and corrosion-proof coating, it's suitable for general outdoor applications. Plus, with a higher efficacy than the previous generation, it also saves more energy.

Product data

General Information		Optic type	
Number of gear units	1 unit	Optic type	Wide beam
Gear	-	Luminaire light beam spread	110°
Driver included	Yes	Effective projected area	0.01 m ²
Light source engine type	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	2 years	Line Frequency	50 or 60 Hz
		Inrush current	2 A
		Inrush time	0.03 ms
		Power Consumption	20 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	Cable 0.3 m without plug
		Number of products on MCB of 16 A type B	104
		Suitable for random switching	No
Light Technical			
Luminous Flux	2,000 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	100 lm/W		
Color rendering index (CRI)	80		
Number of light sources	1		
Beam angle of light source	110 degree(s)		
Light source color	865 cool daylight		

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Protection class IEC	Safety class I
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Controls and Dimming

Dimmable	No
Control interface	-
Maximum dim level	Not applicable

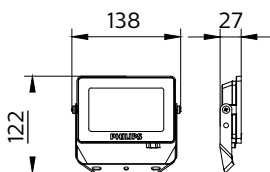
Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Glass
Housing Color	Black
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	138 mm
Overall width	122 mm
Overall height	27 mm
Dimensions (Height x Width x Depth)	27 x 122 x 138 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Tempered glass
Net Weight (Piece)	0.270 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

Dimensional drawing



CE mark	No
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.34) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP150 LED20/CW PSU 20W SWB G3 CN
Full product name	BVP150 LED20/CW PSU 20W SWB G3 CN
Full product code	692382867358199
Order code	911401832186
Material Nr. (12NC)	911401832186
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828673581
Numerator - Packs per outer box	36
EAN/UPC - Case	6923828673826

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