



SmartBright G3 LED Floodlight

BVP151 LED60/CW PSU 50W SWB G3 GM

SmartBright G3 LED Floodlight, 6000 lm, 50 W, 865 cool daylight, 110°, Safety class I, Mounting bracket

The SmartBright G3 LED Floodlight is the new successor with robust die-cast aluminum housing suitable for general outdoor application. It delivers high efficacy and outstanding energy savings.

Product data

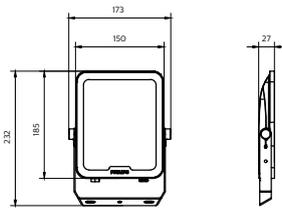
General Information		Operating and Electrical	
Number of gear units	1 unit	Number of light sources	1
Gear	-	Beam angle of light source	110 degree(s)
Driver included	Yes	Light source color	865 cool daylight
Light source engine type	LED	Optic type	Wide beam
CE mark	-	Optical cover type	Glass
Warranty period	3 years	Luminaire light beam spread	110°
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V
ENEC mark	-	Line Frequency	50 or 60 Hz
Glow-wire test	Temperature 650 °C, duration 30 s	Inrush current	1.68 A
EU RoHS compliant	Yes	Inrush time	0.0082 ms
Luminous Flux	6,000 lm	Power Consumption	50 W
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	120 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	80	Cable	Cable 1.0 m without plug 3-pole
		Number of products on MCB of 16 A type B	44

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Temperature	
Ambient temperature range	-25 to +40 °C
Controls and Dimming	
Dimmable	No
Control interface	-
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	232 mm
Overall width	174 mm
Overall height	27 mm
Effective projected area	0.028 m ²
Dimensions (Height x Width x Depth)	27 x 174 x 232 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	BVP151 LED60/CW PSU 50W SWB G3 GM
Full product name	BVP151 LED60/CW PSU 50W SWB G3 GM
Full product code	872016973249099
Order code	911401864286
Material Nr. (12NC)	911401864286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169732490
Numerator - Packs per outer box	16
EAN/UPC - Case	8720169732575

Dimensional drawing



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