



SmartBright G3 LED Floodlight

BVP151 LED120/CW PSU 100W SWB G3 GM

SmartBright G3 LED Floodlight, 12000 lm, 100 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		Effective projected area	
Number of gear units	1 unit		0.045 m ²
Gear	-	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Light source engine type	LED	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	3.84 A
		Inrush time	0.0244 ms
Light Technical		Power Consumption	100 W
Luminous Flux	12,000 lm	Power Factor (Fraction)	0.95
Correlated Color Temperature (Nom)	6500 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	120 lm/W	Cable	Cable 1.0 m without plug 3-pole
Color rendering index (CRI)	80	Number of products on MCB of 16 A type B	22
Number of light sources	1	Suitable for random switching	Not applicable
Beam angle of light source	110 degree(s)	Protection class IEC	Safety class I
Light source color	865 cool daylight	Controls and Dimming	
Optic type	Wide beam	Dimmable	No
Luminaire light beam spread	110°	Control interface	-

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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	34.7 mm
Dimensions (Height x Width x Depth)	35 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	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%

Product Data	
Order product name	BVP151 LED120/CW PSU 100W SWB G3 GM
Full product name	BVP151 LED120/CW PSU 100W SWB G3 GM
Full product code	872016973247699
Order code	911401866286
Material Nr. (12NC)	911401866286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169732476
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169732551

Dimensional drawing

