



# SmartBright G3 LED Floodlight

## BVP151 LED360/CW PSU 300W SWB G3 GM

SmartBright G3 LED Floodlight, 36000 lm, 300 W, 865 cool daylight, 110°, Safety class I, Mounting bracket adjustable

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	2 units		0.164 m <sup>2</sup>
Gear	EB [Electronic]	Operating and Electrical	
Driver included	Yes	Line Frequency	50 or 60 Hz
Light source engine type	LED	Inrush current	125 A
Value ladder	Value	Inrush time	0.05 ms
		Power Consumption	300 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 8	
		Suitable for random switching	No
		Protection class IEC	Safety class I
		Controls and Dimming	
		Dimmable	-
		Control interface	-
Light Technical			
Luminous Flux	36,000 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	120 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		
Optic type	Symmetric 110°		
Luminaire light beam spread	110°		

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Maximum dim level	Not applicable
<b>Mechanical and Housing</b>	
Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	Grey
Mounting device	Mounting bracket adjustable
Optical cover finish	Clear
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [6 J]
Optical cover type	Tempered glass
Net Weight (Piece)	6.200 kg
<b>Approval and Application</b>	
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

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 °C to 50 °C
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.313,0.337) SDCM≤5
Power consumption tolerance	+/-10%
<b>Product Data</b>	
Order product name	BVP151 LED360/CW PSU 300W SWB G3 GM
Full product name	BVP151 LED360/CW PSU 300W SWB G3 GM
Full product code	872016976228299
Order code	76228299
Material Nr. (12NC)	911401831087
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169762282
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169762336

## Dimensional drawing

