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

Number of gear units	2 units
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED

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°
Effective projected area	0.164 m²

Operating and Electrical

Line Frequency	50 or 60 Hz
Inrush current	125 A
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	–
Maximum dim level	Not applicable

SmartBright G3 LED Floodlight

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 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

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

EU RoHS compliant

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	–25 °C to 50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	–10% / +10%
Initial chromaticity	(0.313,0.337) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

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	911401831087
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

www.lighting.philips.com

2024, October 16 – data subject to change