PHILIPS

Lighting

SmartBright G3 LED Floodlight

BVP151 LED360/NW PSU 300W SWB G3 GM

SmartBright G3 LED Floodlight, 36000 lm, 300 W, 840 neutral white, 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
Value ladder	Value

Light Technical	
Luminous Flux	36,000 lm
Correlated Color Temperature (Nom)	4000 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	840 neutral white
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	-

SmartBright G3 LED Floodlight

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 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	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 °C to 50 °C

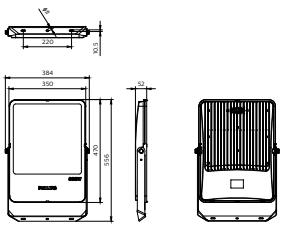
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.380,0.380) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP151 LED360/NW PSU 300W SWB G3 GM
Full product name	BVP151 LED360/NW PSU 300W SWB G3 GM
Full product code	872016976353199
Order code	911401839287
Material Nr. (12NC)	911401839287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169763531
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169763555

Dimensional drawing



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