PHILIPS

Lighting

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	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	3 years

Light Technical	
Luminous Flux	6,000 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	Wide beam
Luminaire light beam spread	110°
Effective projected area	0.028 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	1.68 A
Inrush time	0.0082 ms
Power Consumption	50 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole
Number of products on MCB of 16 A type B	44
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming	
Dimmable	No
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
Optical cover finish	Clear
Overall length	232 mm
Overall width	174 mm
Overall height	27 mm
Dimensions (Height x Width x Depth)	27 x 174 x 232 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Glass
Net Weight (Piece)	0.870 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

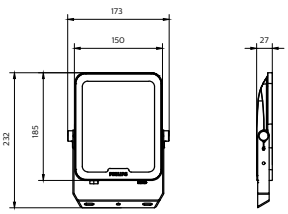
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP151 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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