



Essential SmartBright G5 LED Floodlight

BVP150 LED100/WW PSU 100W SWB G3 GM

Essential SmartBright G5 LED Floodlight, 9400 lm, 100 W, 830 warm white, 110°, Safety class I, Mounting bracket

The Essential SmartBright G5 LED Floodlight is the new successor with robust die-cast aluminum housing suitable for general outdoor application. Lightweight, with a robust die-cast aluminum housing and corrosion-proof coating, it's suitable for general outdoor applications. Plus, with a higher efficacy than the previous generation, it also saves more energy.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
CE mark	No
Warranty period	2 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	9,400 lm
Correlated Color Temperature (Nom)	3000 K

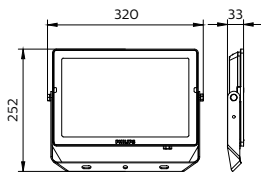
Luminous Efficacy (rated) (Nom)	94 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	110 degree(s)
Light source color	830 warm white
Optic type	Wide beam
Optical cover type	Tempered glass
Luminaire light beam spread	110°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	8 A
Inrush time	0.03 ms
Power Consumption	100 W
Power Factor (Fraction)	0.9

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Connection	Flying leads/wires
Cable	Cable 0.7 m without plug
Number of products on MCB of 16 A type B 22	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Glass
Housing Color	Black
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	320 mm
Overall width	252 mm
Overall height	33 mm
Effective projected area	0.06 m²
Dimensions (Height x Width x Depth)	33 x 252 x 320 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I

Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM≤6
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	BVP150 LED100/WW PSU 100W SWB G3 GM
Full product name	BVP150 LED100/WW PSU 100W SWB G3 GM
Full product code	872016952249799
Order code	911401816286
Material Nr. (12NC)	911401816286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169522497
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169522732

Dimensional drawing



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