



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		Operating and Electrical	
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	94 lm/W
Gear	-	Color rendering index (CRI)	80
Driver included	Yes	Number of light sources	1
Light source engine type	LED	Beam angle of light source	110 degree(s)
CE mark	No	Light source color	830 warm white
Warranty period	2 years	Optic type	Wide beam
Flammability mark	For mounting on normally flammable surfaces	Optical cover type	Tempered glass
ENEC mark	-	Luminaire light beam spread	110°
Glow-wire test	Temperature 650 °C, duration 30 s	Operating and Electrical	
EU RoHS compliant	Yes	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 or 60 Hz
Luminous Flux	9,400 lm	Inrush current	8 A
Correlated Color Temperature (Nom)	3000 K	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
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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 m ²
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 \leq 6
Power consumption tolerance	+/-10%

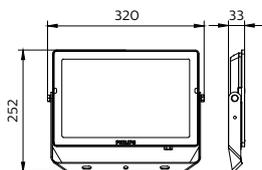
Application Conditions

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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