

Essential SmartBright G5 LED Floodlight

BVP150 LED100/CW PSU 100W SWB G3 GM

Essential SmartBright G5 LED Floodlight, 10000 lm, 100 W, 865 cool daylight, 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
Warranty period	2 years

Light Technical	
Luminous Flux	10,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 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	0.06 m²

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
Connection	Flying leads/wires
Cable	Cable 0.7 m without plug
Number of products on MCB of 16 A type B	22
Suitable for random switching	No
Protection class IEC	Safety class I

Essential SmartBright G5 LED Floodlight

Controls and Dimming	
Dimmable	No
Control interface	-
Maximum dim level	Not applicable

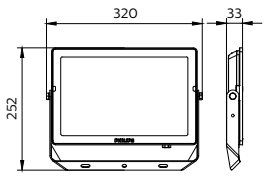
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Glass
Housing Color	Black
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	320 mm
Overall width	252 mm
Overall height	33 mm
Dimensions (Height x Width x Depth)	33 x 252 x 320 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Tempered glass
Net Weight (Piece)	1.330 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	-40 to +50 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.34) SDCM≤6
Power consumption tolerance	+/-10%

Product Data	
Order product name	BVP150 LED100/CW PSU 100W SWB G3 GM
Full product name	BVP150 LED100/CW PSU 100W SWB G3 GM
Full product code	872016952233699
Order code	911401836286
Material Nr. (12NC)	911401836286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169522336
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169522572

Dimensional drawing



Essential SmartBright G5 LED Floodlight

© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2025, February 22 - data subject to change