PHILIPS

Lighting

Essential SmartBright G6 LED Floodlight

BVP150 LED20/WW PSU 20W SWB MDU G4

Essential SmartBright G6 LED Floodlight, 1880 lm, 20 W, 830 warm white, 110°, Safety class I, Mounting bracket

Essential SmartBright G6 LED Floodlight is the new successor with robust die-cast aluminum housing and corrosion-proof coating which suitable for general outdoor application. Product has high efficacy which is energy saving for customers. Product has anti-siphon function to ensure a reliable performance in the long lifetime.

Product data

General Information	
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Warranty period	2 years

Light Technical	
Luminous Flux	1,880 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	Reflector Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	Not applicable
Effective projected area	0.009 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	2 A
Inrush time	0.03 ms
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	106
Suitable for random switching	No
Protection class IEC	Safety class I

Essential SmartBright G6 LED Floodlight

Controls and Dimming	
Dimmable	-
Control interface	-
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	Black
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	154 mm
Overall width	129 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 129 x 154 mm
Ingress protection code	IP65 [Water-protected]
Mech. impact protection code	IK05 [0.7 J]
Optical cover type	Tempered glass
Net Weight (Piece)	0.300 kg

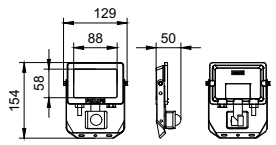
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 to +40 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM≤6
Power consumption tolerance	+/-10%

Product Data	
Order product name	BVP150 LED20/WW PSU 20W SWB MDU G4
Full product name	BVP150 LED20/WW PSU 20W SWB MDU G4
Full product code	872110334126699
Order code	911401865188
Material Nr. (12NC)	911401865188
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103341266
Numerator - Packs per outer box	36
EAN/UPC - Case	8721103341587

Dimensional drawing

BVP150 G4 20W SWB MDU



Essential SmartBright G6 LED Floodlight

© 2026 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
2026, March 11 - data subject to change