PHILIPS

BVP150 LED20/WW PSU 20W SWB G3 GM

911401812286



Essential SmartBright G5 LED Floodlight, 1880 lm, 20 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.

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
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	Wide beam
Luminaire light beam spread	110°
Effective projected area	0.01 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	104
Suitable for random switching	No
Protection class IEC	Safety class I

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	138 mm
Overall width	122 mm
Overall height	27 mm
Dimensions (Height x Width x Depth)	27 x 122 x 138 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)	0.270 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

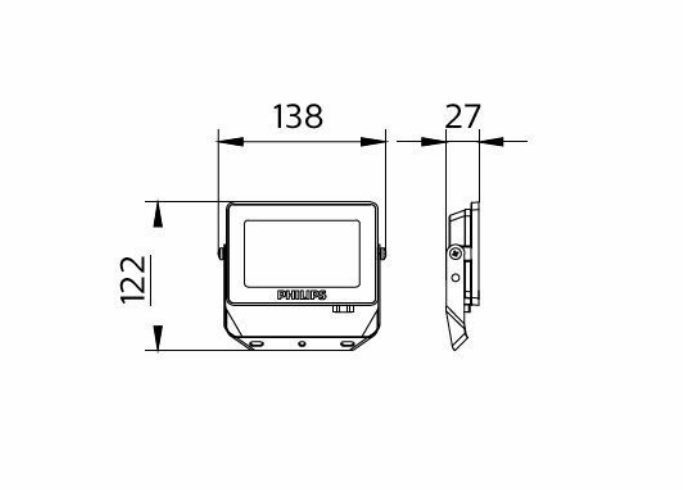
Initial Performance (IEC Compliant)

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

Product Data

Order product name	BVP150 LED20/WW PSU 20W SWB G3 GM
Full product name	BVP150 LED20/WW PSU 20W SWB G3 GM
Full product code	872016952253499
Order code	911401812286
Material Nr. (12NC)	911401812286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169522534
Numerator - Packs per outer box	36
EAN/UPC - Case	8720169522770

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	GM BVP150 SWB.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	BVP150 LED20 WW GM.ies	Download

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