



Essential SmartBright Flood WV

BVP152 G4 LED20/CW 20W 110-277V SWB

Essential SmartBright Flood WV, 2000 lm, 20 W, 865 cool daylight, 105°, Safety class I, Mounting bracket

The Essential SmartBright LED floodlight comes with a compact and sturdy design. It's wide input voltage, from 110 to 277V. This product with robust die-cast aluminum housing, corrosion-proof coating and antisiphon design, suitable for general outdoor application. Higher efficacy to 100lm/W, achieve more energy savings.

Product data

General Information		Effective projected area	
Number of gear units	1 unit		0.0157 m ²
Gear	EB [Electronic]	Operating and Electrical	
Driver included	Yes	Input Voltage	110 to 277 V
Light source engine type	LED	Line Frequency	50 or 60 Hz
Warranty period	2 years	Inrush current	2.7 A
Light Technical		Inrush time	0.0013 ms
Luminous Flux	2,000 lm	Power Consumption	20 W
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	100 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	≥80	Cable	Cable 0.3 m with connector 3-pole
Number of light sources	1	Number of products on MCB of 16 A type B	64
Beam angle of light source	105 degree(s)	Suitable for random switching	Not applicable
Light source color	865 cool daylight	Protection class IEC	Safety class I
Optic type	Reflector Symmetrical	Controls and Dimming	
Luminaire light beam spread	105°	Dimmable	No

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Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Housing Color	Black
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	129 mm
Overall width	121 mm
Overall height	23 mm
Dimensions (Height x Width x Depth)	23 x 121 x 129 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)	0.250 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 °C to 50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.312, 0.328) SDCM<6
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP152 G4 LED20/CW 20W 110-277V SWB
Full product name	BVP152 G4 LED20/CW 20W 110-277V SWB
Full product code	872110332801499
Order code	911401823688
Material Nr. (12NC)	911401823688
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103328014
Numerator - Packs per outer box	40
EAN/UPC - Case	8721103328281

Dimensional drawing

