



Essential SmartBright Flood WV

BVP153 G3 LED94/830 100W 110-240V SWB

Essential SmartBright Flood WV, 9400 lm, 100 W, 830 warm white, 110°, Safety class I, Mounting bracket adjustable

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		Unified glare rating CEN	
Number of gear units	1 unit		Not applicable
Gear	-	Effective projected area	0.06 m ²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	110 to 240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	6 A
Luminous Flux	9,400 lm	Inrush time	0.1 ms
Correlated Color Temperature (Nom)	3000 K	Power Consumption	100 W
Luminous Efficacy (rated) (Nom)	94 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	80	Connection	Flying leads/wires
Number of light sources	1	Cable	Cable 0.6 m without plug
Beam angle of light source	110 degree(s)	Number of products on MCB of 16 A type B	10
Light source color	830 warm white	Suitable for random switching	Not applicable
Optic type	Symmetrical	Protection class IEC	Safety class I
Luminaire light beam spread	110°		

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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 adjustable
Optical cover finish	Clear
Overall length	323 mm
Overall width	254 mm
Overall height	34 mm
Dimensions (Height x Width x Depth)	34 x 254 x 323 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Clear glass
Net Weight (Piece)	1.510 kg

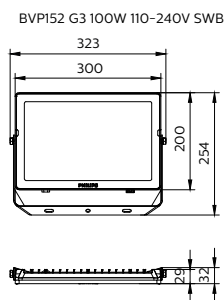
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No

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

Product Data	
Order product name	BVP153 G3 LED94/830 100W 110-240V SWB
Full product name	BVP153 G3 LED94/830 100W 110-240V SWB
Full product code	872016975162099
Order code	911401816486
Material Nr. (12NC)	911401816486
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751620
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169751880

Dimensional drawing



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