



Essential SmartBright G6 LED Floodlight

BVP150 LED100/CW PSU 100W SWB G4

Essential SmartBright G6 LED Floodlight, 10000 lm, 100 W, 865 cool daylight, 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		Unified glare rating CEN	
Number of gear units	1 unit		Not applicable
Gear	EB [Electronic]	Effective projected area	0.05 m ²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Warranty period	2 years	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	8 A
Luminous Flux	10,000 lm	Inrush time	0.03 ms
Correlated Color Temperature (Nom)	6500 K	Power Consumption	100 W
Luminous Efficacy (rated) (Nom)	100 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 22	
Light source color	865 cool daylight	Suitable for random switching	No
Optic type	Reflector 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
Optical cover finish	Clear
Overall length	280 mm
Overall width	255 mm
Overall height	28 mm
Dimensions (Height x Width x Depth)	28 x 255 x 280 mm
Ingress protection code	IP65 [Water-protected]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Tempered glass
Net Weight (Piece)	1.200 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	-40 to +50 °C

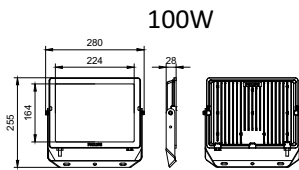
Initial Performance (IEC Compliant)

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 G4
Full product name	BVP150 LED100/CW PSU 100W SWB G4
Full product code	872110334119899
Order code	911401864488
Material Nr. (12NC)	911401864488
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103341198
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103341518

Dimensional drawing



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