



Essential SmartBright G5 LED Floodlight

BVP150 LED70/NW PSU 70W SWB G3 GM

Essential SmartBright G5 LED Floodlight, 7000 lm, 70 W, 840 neutral 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.

Product data

General Information		Optic type	Wide beam
Number of gear units	1 unit	Luminaire light beam spread	110°
Gear	-	Effective projected area	0.044 m ²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	2 years	Inrush current	8 A
Light Technical		Inrush time	0.03 ms
Luminous Flux	7,000 lm	Power Consumption	70 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	100 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	80	Cable	Cable 0.7 m without plug
Number of light sources	1	Number of products on MCB of 16 A type B	32
Beam angle of light source	110 degree(s)	Suitable for random switching	No
Light source color	840 neutral white		

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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	265 mm
Overall width	228 mm
Overall height	32 mm
Dimensions (Height x Width x Depth)	32 x 228 x 265 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)	0.990 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

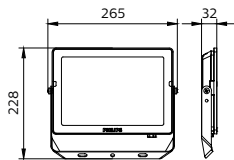
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP150 LED70/NW PSU 70W SWB G3 GM
Full product name	BVP150 LED70/NW PSU 70W SWB G3 GM
Full product code	872016952242899
Order code	911401825286
Material Nr. (12NC)	911401825286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169522428
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169522664

Dimensional drawing



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