PHILIPS

Lighting

Essential SmartBright G6 LED Floodlight

BVP150 LED70/NW PSU 70W SWB G4

Essential SmartBright G6 LED Floodlight, 7000 lm, 70 W, 840 neutral white, 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	
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Warranty period	2 years

Light Technical	
Luminous Flux	7,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	110 degree(s)
Light source color	840 neutral white
Optic type	Reflector Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	Not applicable
Effective projected area	0.034 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	8 A
Inrush time	0.03 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.6 m without plug
Number of products on MCB of 16 A type B	32
Suitable for random switching	No
Protection class IEC	Safety class I

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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	249 mm
Overall width	217 mm
Overall height	26 mm
Dimensions (Height x Width x Depth)	26 x 217 x 249 mm
Ingress protection code	IP65 [Water-protected]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Tempered glass
Net Weight (Piece)	0.920 kg

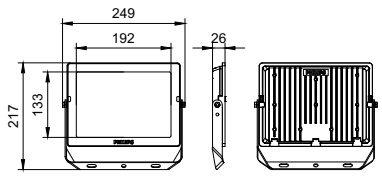
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +50 °C

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

Product Data	
Order product name	BVP150 LED70/NW PSU 70W SWB G4
Full product name	BVP150 LED70/NW PSU 70W SWB G4
Full product code	872110334115099
Order code	911401864088
Material Nr. (12NC)	911401864088
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103341150
Numerator - Packs per outer box	12
EAN/UPC - Case	8721103341471

Dimensional drawing

BVP150 G4 70W SWB



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2026, March 11 - data subject to change