



# SmartBright All-in Floodlight

## BVP158 LED60/WW\_NW\_CW PSU 50W SWB GM

SmartBright All-in Floodlight, 5500 lm, 6000 lm, 50 W, 3000K/4200K/6500K, 110°, Safety class I, Mounting bracket

The SmartBright All-in Floodlight comes with a compact and sturdy design. It's a new range with robust die-cast aluminum housing suitable for general outdoor application. CCT selectable is involved that is more convenient for customers' different requirements, saving more time for product selection.

### Product data

General Information		Operating and Electrical	
Number of gear units	1 unit	Luminaire light beam spread	110°
Gear	-	Effective projected area	0.028 m <sup>2</sup>
Driver included	Yes	Input Voltage	220 to 240 V
Light source engine type	LED	Line Frequency	50 or 60 Hz
Value ladder	Value	Inrush current	1.68 A
Warranty period	3 years	Inrush time	0.0082 ms
Luminous Flux	5,500 6,000 lm	Power Consumption	50 W
Correlated Color Temperature (Nom)	3000 4200 6500 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	110 120 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	80	Cable	Cable 1.0 m without plug 3-pole
Number of light sources	1	Number of products on MCB of 16 A type B	44
Beam angle of light source	110 degree(s)	Suitable for random switching	Not applicable
Light source color	3000K/4200K/6500K	Protection class IEC	Safety class I
Optic type	Wide beam		

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## 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	Tempered glass
Housing Color	Grey
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	232 mm
Overall width	174 mm
Overall height	30 mm
Dimensions (Height x Width x Depth)	30 x 174 x 232 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Glass
Net Weight (Piece)	0.870 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	No
Performance ambient temperature Tq	25 °C
Ambient temperature range	-25 to +40 °C

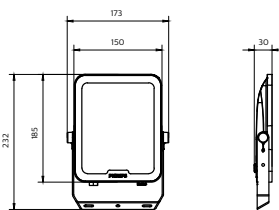
## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM <5,(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%

## Product Data

Order product name	BVP158 LED60/WW_NW_CW PSU 50W SWB GM
Full product name	BVP158 LED60/WW_NW_CW PSU 50W SWB GM
Full product code	872016973277399
Order code	911401874286
Material Nr. (12NC)	911401874286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169732773
Numerator - Packs per outer box	16
EAN/UPC - Case	8720169732858

## Dimensional drawing



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