



SmartBright All-in Floodlight

BVP158 LED31/WW_NW_CW PSU 27W AWB GM

SmartBright All-in Floodlight, 3000 lm, 3150 lm, 27 W, 830 warm white and 865 cool daylight, 92° x 52°, 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		Light source color	
Number of gear units	1 unit	Light source color	830 warm white and 865 cool daylight
Gear	-	Optic type	Assymetric Beam angle
Driver included	Yes	Luminaire light beam spread	92° x 52°
Light source engine type	LED	Unified glare rating CEN	Not applicable
Value ladder	Value	Effective projected area	0.028 m ²
Warranty period	3 years	Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	3,000 3,150 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	3000 4200 6500 K	Inrush current	5.59 A
Luminous Efficacy (rated) (Nom)	110 115 lm/W	Inrush time	0.0061 ms
Color rendering index (CRI)	80	Power Consumption	27 W
Number of light sources	1	Power Factor (Fraction)	0.95
Beam angle of light source	95 x 52 degree(s)	Connection	Flying leads/wires
		Cable	Cable 1.0 m without plug

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Number of products on MCB of 16 A type B 83	
Suitable for random switching	No
Protection class IEC	Safety class I

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	RAL 7043
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	133 mm
Overall width	182 mm
Overall height	29 mm
Dimensions (Height x Width x Depth)	29 x 182 x 133 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Tempered glass
Net Weight (Piece)	0.880 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	-25 to +40 °C

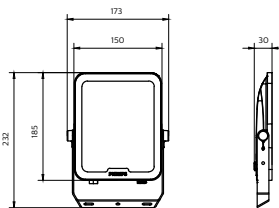
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP158 LED31/WW_NW_CW PSU 27W AWB GM
Full product name	BVP158 LED31/WW_NW_CW PSU 27W AWB GM
Full product code	872016973844799
Order code	911401881286
Material Nr. (12NC)	911401881286
Local order code	BVP1583CT27AWB
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169738447
Numerator - Packs per outer box	16
EAN/UPC - Case	8720169738508

Dimensional drawing



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