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	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED

Light Technical	
Luminous Flux	3,000 3,150 lm
Luminous Efficacy (rated) (Nom)	110 115 lm/W
Correlated Color Temperature (Nom)	3000 4200 6500 K
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	95 x 52 degree(s)
Light source color	830 warm white and 865 cool daylight
Optic type	Assymetric Beam angle
Optical cover type	Tempered glass
Luminaire light beam spread	92° x 52°
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	5.59 A
Inrush time	0.0061 ms
Power Consumption	27 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug
Number of products on MCB of 16 A type B	83

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Temperature	
Ambient temperature range	-25 to +40 °C

Controls and Dimming	
Dimmable	-
Control interface	-

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
Effective projected area	0.028 m²
Dimensions (Height x Width x Depth)	29 x 182 x 133 mm

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-

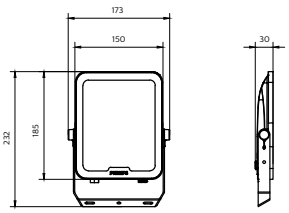
Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

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
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.880 kg
EAN/UPC - Product/Case	8720169738447
Numerator - Packs per outer box	16
EAN/UPC - Case	8720169738508

Dimensional drawing



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2024, January 8 - data subject to change