SmartBright All-in Floodlight

BVP158 LED120/WW_NW_CW PSU 100W SWB GM

SmartBright All-in Floodlight, 11000 lm, 12000 lm, 100 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.
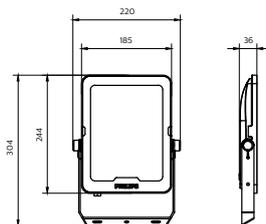
Product data

General Information

Number of gear units	1 unit
Gear	–
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No
ENEC mark	–
Warranty period	3 years
EU RoHS compliant	No

Light Technical

Luminous Flux	11,000 12,000 lm
Correlated Color Temperature (Nom)	3000 4200 6500 K
Luminous Efficacy (rated) (Nom)	110 120 lm/W

Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	110 degree(s)
Light source color	3000K/4200K/6500K
Optic type	Wide beam
Optical cover type	Glass
Luminaire light beam spread	110°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	3.84 A
Inrush time	0.0244 ms
Power Consumption	100 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole

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Number of products on MCB of 16 A type B	22

Temperature

Ambient temperature range	–25 to +40 ℃

Controls and Dimming

Dimmable	No
Control interface	–

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	304 mm
Overall width	220 mm
Overall height	36 mm
Effective projected area	0.045 m²
Dimensions (Height x Width x Depth)	36 x 220 x 304 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Photobiological risk specification	0.2 m

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%

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	BVP158 LED120/WW_NW_CW PSU 100W SWB GM
Full product name	BVP158 LED120/WW_NW_CW PSU 100W SWB GM
Full product code	872016973275999
Order code	911401876286
Material Nr. (12NC)	911401876286
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169732759
Numerator – Packs per outer box	6
EAN/UPC – Case	8720169732834

Dimensional drawing

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