PHILIPS

Lighting

SmartBright All-in Floodlight

BVP158 LED84/WW_NW_CW PSU 70W SWB GM

SmartBright All-in Floodlight, 7700 lm, 8400 lm, 70 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
Value ladder	Value
Warranty period	3 years

Light Technical	
Luminous Flux	7,700 8,400 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
Luminaire light beam spread	110°
Effective projected area	0.038 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	3.64 A
Inrush time	0.0222 ms
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 1.0 m without plug 3-pole
Number of products on MCB of 16 A type B	31
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

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Controls and Dimming	
Dimmable	No
Control interface	-
Maximum dim level	Not applicable

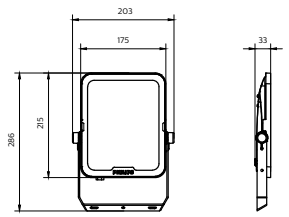
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	Grey
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	286 mm
Overall width	203 mm
Overall height	33 mm
Dimensions (Height x Width x Depth)	33 x 203 x 286 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Glass
Net Weight (Piece)	1.480 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 LED84/WW_NW_CW PSU 70W SWB GM
Full product name	BVP158 LED84/WW_NW_CW PSU 70W SWB GM
Full product code	872016973276699
Order code	911401875286
Material Nr. (12NC)	911401875286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169732766
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169732841

Dimensional drawing



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2024, July 26 - data subject to change