SmartBright All-in Floodlight

BVP158 LED240/WW_NW_CW PSU 200W SWB GM

SmartBright All-in Floodlight, 22000 lm, 24000 lm, 200 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

Light Technical

Luminous Flux	22,000 24,000 lm
Luminous Efficacy (rated) (Nom)	110 120 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	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	4.38 A
Inrush time	0.0284 ms
Power Consumption	200 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	11

SmartBright All-in Floodlight

Temperature

Ambient temperature range	–25 to +40 °C

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	474 mm
Overall width	336 mm
Overall height	41 mm
Effective projected area	0.112 m²
Dimensions (Height x Width x Depth)	41 x 336 x 474 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
CE mark	No
Warranty period	3 years

Flammability / Marks

Flammability mark	For mounting on normally flammable surfaces
ENEC mark	–
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No

Initial Performance (IEC Compliant)

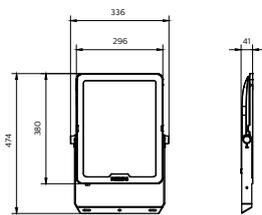|	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.40) SDCM <5;(0.31, 0.34) SDCM≤5
Power consumption tolerance	+/-10%

Application Conditions

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

Product Data

Order product name	BVP158 LED240/WW_NW_CW PSU 200W SWB GM
Full product name	BVP158 LED240/WW_NW_CW PSU 200W SWB GM
Full product code	872016973273599
Order code	911401878286
Material Nr. (12NC)	911401878286
Net Weight (Piece)	4.660 kg
EAN/UPC – Product/Case	8720169732735
Numerator – Packs per outer box	4
EAN/UPC – Case	8720169732810

Dimensional drawing

SmartBright All-in Floodlight

www.lighting.philips.com

2024, April 27 – data subject to change