PHILIPS

Lighting



SmartBright All-in Floodlight

BVP158 LED105/WW_NW_CW PSU 90W AWB GM

SmartBright All-in Floodlight, 10000 lm, 10500 lm, 90 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
Value ladder	Value
Warranty period	3 years

Light Technical	
Luminous Flux	10,000 10,500 lm
Correlated Color Temperature (Nom)	3000 4200 6500 K
Luminous Efficacy (rated) (Nom)	110 115 lm/W
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
Luminaire light beam spread	92° x 52°
Unified glare rating CEN	Not applicable
Effective projected area	0.045 m²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	7.60 A
Inrush time	0.01385 ms
Power Consumption	90 W
Power Factor (Fraction)	0.95
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	25
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	220 mm
Overall width	304 mm
Overall height	36 mm
Dimensions (Height x Width x Depth)	36 x 304 x 220 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Tempered glass
Net Weight (Piece)	2.000 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

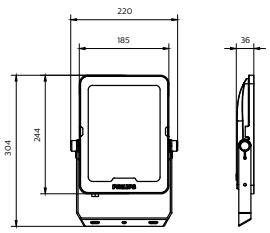
Initial Performance (IEC Compliant)

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

Product Data

Order product name	BVP158 LED105/WW_NW_CW PSU 90W AWB GM
Full product name	BVP158 LED105/WW_NW_CW PSU 90W AWB GM
Full product code	872016973841699
Order code	911401884286
Material Nr. (12NC)	911401884286
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169738416
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169738478

Dimensional drawing



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2024, January 8 - data subject to change