Essential SmartBright G2 LED Security Light

BVP132 LED16/WW 20W 220-240V WB PIR

Essential SmartBright G2 LED Security Light, 1600 lm, 20 W, 830 warm white, 100°, Safety class I, Mounting bracket adjustable

The Essential SmartBright G2 LED security light is a motion sensor activated security light, with a built-in PIR sensor and Lux sensor, automatic and instant-on when motion detected, assuring your property is well lit for visibility at. night and dusk.

Product data

General Information

Lamp family code	LED16 [LED module 1600 lm]
Light source replaceable	No
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	–

Light Technical

Luminous Flux	1,600 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80

Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover UV-resistant
Luminaire light beam spread	100°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	2.54 A
Inrush time	0.0155 ms
Power Consumption	20 W
Power Factor (Fraction)	0.5
Connection	Flying leads/wires
Cable	Cable 0.25m without plug
Number of products on MCB of 16 A type B	100

Temperature

Ambient temperature range	-40 to +45 ℃

data subject to change

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Controls and Dimming

Dimmable	No
Control interface	–
Constant light output	No

Mechanical and Housing

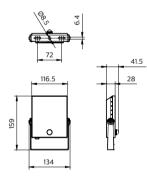|	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover finish	Textured
Overall length	130 mm
Overall width	116.5 mm
Overall height	28 mm
Effective projected area	0.017 m²
Dimensions (Height x Width x Depth)	28 x 117 x 130 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Protection class IEC

	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP132 LED16/WW 20W 220-240V WB PIR
Full product name	BVP132 LED16/WW 20W 220-240V WB PIR
Full product code	871016332320699
Order code	911401722462
Material Nr. (12NC)	911401722462
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163323206
Numerator – Packs per outer box	12
EAN/UPC – Case	8710163323503

Dimensional drawing

www.lighting.philips.com

2023, December 5 – data subject to change