



Essential SmartBright G2 LED Security Light

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

Essential SmartBright G2 LED Security Light, 1600 lm, 20 W, 840 neutral 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 color	840 neutral white
Light source replaceable	No	Optical cover type	Polycarbonate bowl/cover UV-resistant
Driver included	Yes	Luminaire light beam spread	100°
Light source engine type	LED	Operating and Electrical	
Lighting Technology	LED	Input Voltage	220 to 240 V
CE mark	CE mark	Line Frequency	50 to 60 Hz
Flammability mark	For mounting on normally flammable surfaces	Inrush current	2.54 A
ENEC mark	-	Inrush time	0.0155 ms
Light Technical		Power Consumption	20 W
Luminous Flux	1,600 lm	Power Factor (Fraction)	0.5
Standard tilt angle posttop	-	Connection	Flying leads/wires
Standard tilt angle side entry	-	Cable	Cable 0.25m without plug
Correlated Color Temperature (Nom)	4000 K	Number of products on MCB of 16 A type B 100	
Luminous Efficacy (rated) (Nom)	80 lm/W	Temperature	
Color rendering index (CRI)	>80	Ambient temperature range	-40 to +45 °C

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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 m ²
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
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Initial Performance (IEC Compliant)

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

Product Data

Order product name	BVP132 LED16/NW 20W 220-240V WB PIR
Full product name	BVP132 LED16/NW 20W 220-240V WB PIR
Full product code	871016332321399
Order code	911401722472
Material Nr. (12NC)	911401722472
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163323213
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163323510

Dimensional drawing

