



Essential SmartBright G2 LED Security Light

BVP133 LED24/WW 30W 220-240V WB PIR

Essential SmartBright G2 LED Security Light, 2400 lm, 30 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		Light source color	
Lamp family code	LED24 [LED Module 2400 lm]	Optical cover type	Polycarbonate bowl/cover UV-resistant
Light source replaceable	No	Luminaire light beam spread	100°
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 to 60 Hz
CE mark	CE mark	Inrush current	2.66 A
Flammability mark	For mounting on normally flammable surfaces	Inrush time	0.016 ms
ENEC mark	-	Power Consumption	30 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	2,400 lm	Connection	Flying leads/wires
Standard tilt angle posttop	-	Cable	Cable 0.25m without plug
Standard tilt angle side entry	-	Number of products on MCB of 16 A type B 80	
Correlated Color Temperature (Nom)	3000 K	Temperature	
Luminous Efficacy (rated) (Nom)	80 lm/W	Ambient temperature range	-40 to +45 °C
Color rendering index (CRI)	>80		

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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	170 mm
Overall width	146 mm
Overall height	36 mm
Effective projected area	0.028 m ²
Dimensions (Height x Width x Depth)	36 x 146 x 170 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	BVP133 LED24/WW 30W 220-240V WB PIR
Full product name	BVP133 LED24/WW 30W 220-240V WB PIR
Full product code	871016332323799
Order code	911401722492
Material Nr. (12NC)	911401722492
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163323237
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163323534

Dimensional drawing

