



Essential SmartBright G2 LED Security Light

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

Essential SmartBright G2 LED Security Light, 2400 lm, 30 W, 865 cool daylight, 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	LED24 [LED Module 2400 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	2,400 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80

Light source color	865 cool daylight
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	2.66 A
Inrush time	0.016 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug
Number of products on MCB of 16 A type B 80	
Temperature	
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	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
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%
Product Data	
Order product name	BVP133 LED24/CW 30W 220-240V WB PIR
Full product name	BVP133 LED24/CW 30W 220-240V WB PIR
Full product code	871016332325199
Order code	911401722512
Material Nr. (12NC)	911401722512
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163323251
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163323558

Dimensional drawing

