



# Essential SmartBright G2 LED Security Light

## BVP131 LED8/NW 10W 220-240V WB PIR

Essential SmartBright G2 LED Security Light, 800 lm, 10 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

<b>General Information</b>		<b>Light source color</b>	
Lamp family code	LED8 [LED Module 800 lm]	Optical cover type	Polycarbonate bowl/cover UV-resistant
Light source replaceable	No	Luminaire light beam spread	100°
Driver included	Yes	<b>Operating and Electrical</b>	
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	2.51 A
Flammability mark	For mounting on normally flammable surfaces	Inrush time	0.0154 ms
ENEC mark	-	Power Consumption	10 W
<b>Light Technical</b>		Power Factor (Fraction)	0.5
Luminous Flux	800 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 100	
Correlated Color Temperature (Nom)	4000 K	<b>Temperature</b>	
Luminous Efficacy (rated) (Nom)	80 lm/W	Ambient temperature range	-40 to +45 °C
Color rendering index (CRI)	>80		

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<b>Controls and Dimming</b>	
Dimmable	No
Control interface	-
Constant light output	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover finish	Textured
Overall length	109 mm
Overall width	99.4 mm
Overall height	27 mm
Effective projected area	0.013 m <sup>2</sup>
Dimensions (Height x Width x Depth)	27 x 99 x 109 mm
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Protection class IEC	Safety class I
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%
<b>Product Data</b>	
Order product name	BVP131 LED8/NW 10W 220-240V WB PIR
Full product name	BVP131 LED8/NW 10W 220-240V WB PIR
Full product code	871016332318399
Order code	911401722442
Material Nr. (12NC)	911401722442
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163323183
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163323480

## Dimensional drawing

