



# Essential SmartBright G2 LED Security Light

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

Essential SmartBright G2 LED Security Light, 800 lm, 10 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 is detected, ensuring that your property is well lit for visibility during the. night and at dusk.

### **Product data**

General Information	
Lamp family code	LED8 [LED Module 800 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	800 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 2.51 A  Inrush time 0.0154 ms  Power Consumption 10 W  Power Factor (Fraction) 0.5  Connection Flying leads/wires  Cable Cable 0.25m without plug		
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 2.51 A Inrush time 0.0154 ms Power Consumption 10 W Power Factor (Fraction) 0.5  Connection Flying leads/wires	Color rendering index (CRI)	>80
Luminaire light beam spread 100°  Operating and Electrical Input Voltage 220 to 240 V  Line Frequency 50 to 60 Hz Inrush current 2.51 A Inrush time 0.0154 ms  Power Consumption 10 W  Power Factor (Fraction) 0.5  Connection Flying leads/wires	Light source color	865 cool daylight
Operating and Electrical           Input Voltage         220 to 240 V           Line Frequency         50 to 60 Hz           Inrush current         2.51 A           Inrush time         0.0154 ms           Power Consumption         10 W           Power Factor (Fraction)         0.5           Connection         Flying leads/wires	Optical cover type	Polycarbonate bowl/cover UV-resistant
Input Voltage         220 to 240 V           Line Frequency         50 to 60 Hz           Inrush current         2.51 A           Inrush time         0.0154 ms           Power Consumption         10 W           Power Factor (Fraction)         0.5           Connection         Flying leads/wires	Luminaire light beam spread	100°
Input Voltage         220 to 240 V           Line Frequency         50 to 60 Hz           Inrush current         2.51 A           Inrush time         0.0154 ms           Power Consumption         10 W           Power Factor (Fraction)         0.5           Connection         Flying leads/wires		
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Inrush current   2.51 A	Input Voltage	220 to 240 V
Inrush time	Line Frequency	50 to 60 Hz
Power Consumption 10 W  Power Factor (Fraction) 0.5  Connection Flying leads/wires	Inrush current	2.51 A
Power Factor (Fraction) 0.5  Connection Flying leads/wires	Inrush time	0.0154 ms
Connection Flying leads/wires	Power Consumption	10 W
	Power Factor (Fraction)	0.5
Cable Cable 0.25m without plug	Connection	Flying leads/wires
	Cable	Cable 0.25m without plug
Number of products on MCB of 16 A type B 100		

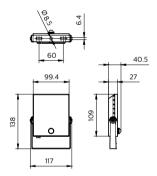
Datasheet, 2023, April 29 data subject to change

# **Essential SmartBright G2 LED Security Light**

Temperature	
Ambient temperature range	-40 to +45 °C
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	109 mm
Overall width	99.4 mm
Overall height	27 mm
Effective projected area	0.013 m²
Dimensions (Height x Width x Depth)	27 x 99 x 109 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	BVP131 LED8/CW 10W 220-240V WB PIR
Full product name	BVP131 LED8/CW 10W 220-240V WB PIR
Full product code	871016332319099
Order code	911401722452
Material Nr. (12NC)	911401722452
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163323190
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163323497

### Dimensional drawing





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