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
Number of products on MCB of 16 A type B	100

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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

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

www.lighting.philips.com

2023, April 29 – data subject to change