



# Essential SmartBright G2 LED Floodlight

## BVP131 LED8/WW 10W 100-240V WB

Essential SmartBright G2 LED Floodlight, 800 lm, 10 W, 830 warm white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

### Product data

General Information		Optical cover type	
Light source replaceable	No	Luminaire light beam spread	100°
Number of gear units	1 unit	Optic type outdoor	Symmetrical wide beam
Driver included	Yes		
Light source engine type	LED	Operating and Electrical	
Lighting Technology	LED	Input Voltage	100 to 240 V
CE mark	CE mark	Line Frequency	50 to 60 Hz
		Power Consumption	10 W
		Power Factor (Fraction)	0.5
		Connection	Flying leads/wires
		Cable	Cable 0.25m without plug
Light Technical			
Luminous Flux	800 lm		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	80 lm/W		
Color rendering index (CRI)	>80		
Light source color	830 warm white		

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## Temperature

Ambient temperature range	-20 to +40 °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
Fixation material	Steel
Housing Color	Black
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
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

## Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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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%

## Application Conditions

Maximum dim level	Not applicable
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## Product Data

Order product name	BVP131 LED8/WW 10W 100-240V WB
Full product name	BVP131 LED8/WW 10W 100-240V WB
Full product code	871016331549299
Order code	911401613204
Material Nr. (12NC)	911401613204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315492
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315614

## Dimensional drawing

