



# Essential SmartBright G2 LED Floodlight

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

Essential SmartBright G2 LED Floodlight, 800 lm, 10 W, 840 neutral 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	Operating and Electrical	
Light source engine type	LED	Input Voltage	100 to 240 V
Lighting Technology	LED	Line Frequency	50 to 60 Hz
CE mark	CE mark	Power Consumption	10 W
Light Technical		Power Factor (Fraction)	0.5
Luminous Flux	800 lm	Connection	Flying leads/wires
Correlated Color Temperature (Nom)	4000 K	Cable	Cable 0.25m without plug
Luminous Efficacy (rated) (Nom)	80 lm/W		
Color rendering index (CRI)	>80		
Light source color	840 neutral white		

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<b>Temperature</b>	
Ambient temperature range	-20 to +40 °C
<b>Controls and Dimming</b>	
Dimmable	No
Constant light output	No
<b>Mechanical and Housing</b>	
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 m²
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>Application Conditions</b>	
Maximum dim level	Not applicable
<b>Product Data</b>	
Order product name	BVP131 LED8/NW 10W 100-240V WB
Full product name	BVP131 LED8/NW 10W 100-240V WB
Full product code	871016331550899
Order code	911401613304
Material Nr. (12NC)	911401613304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315508
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315621

### Dimensional drawing

