



# Essential SmartBright G2 LED Floodlight

## BVP132 LED16/WW 20W 100-240V WB

Essential SmartBright G2 LED Floodlight, 1600 lm, 20 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Light Technical	
Luminous Flux	1,600 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

Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	100 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug

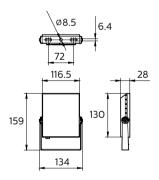
Datasheet, 2023, October 26 data subject to change

# Essential SmartBright G2 LED Floodlight

Temperature	
Ambient temperature range	-20 to +40 °C
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	130 mm
Overall width	116.5 mm
Overall height	28 mm
Effective projected area	0.017 m²
Dimensions (Height x Width x Depth)	28 x 117 x 130 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	
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Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM <7	
Power consumption tolerance	+/-10%	
<b>Application Conditions</b>		
Maximum dim level	Not applicable	
Product Data		
Order product name	BVP132 LED16/WW 20W 100-240V WB	
Full product name	BVP132 LED16/WW 20W 100-240V WB	
Full product code	871016331552299	
Order code	911401613504	
Material Nr. (12NC)	911401613504	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163315522	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8710163315645	

### Dimensional drawing





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