



Essential SmartBright G2 LED Floodlight

BVP132 LED16/CW 20W 100-240V WB

Essential SmartBright G2 LED Floodlight, 1600 lm, 20 W, 865 cool daylight, 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	Optical cover type	Polycarbonate bowl/cover flat
Number of gear units	1 unit	Luminaire light beam spread	100°
Driver included	Yes	Optic type outdoor	Symmetrical wide beam
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	20 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	Cable 0.25m without plug
Light Technical			
Luminous Flux	1,600 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	80 lm/W		
Color rendering index (CRI)	>80		
Light source color	865 cool daylight		

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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	130 mm
Overall width	116.5 mm
Overall height	28 mm
Effective projected area	0.017 m ²
Dimensions (Height x Width x Depth)	28 x 117 x 130 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	BVP132 LED16/CW 20W 100-240V WB
Full product name	BVP132 LED16/CW 20W 100-240V WB
Full product code	871016331554699
Order code	911401613704
Material Nr. (12NC)	911401613704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315546
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315669

Dimensional drawing

