



# Essential SmartBright G2 LED Floodlight

## BVP132 LED16/CW 20W 220-240V WB CQC

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	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	220 to 240 V
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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<b>Temperature</b>	
Ambient temperature range	-40 to +45 °C
<b>Controls and Dimming</b>	
Dimmable	No
Control interface	-
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	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
<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	BVP132 LED16/CW 20W 220-240V WB CQC
Full product name	BVP132 LED16/CW 20W 220-240V WB CQC
Full product code	911401612504
Order code	911401612504
Material Nr. (12NC)	911401612504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828625313
Numerator - Packs per outer box	12
EAN/UPC - Case	6923828625436

## Dimensional drawing

