



Essential SmartBright G2 LED Floodlight

BVP135 LED40/NW 50W 100-240V WB

Essential SmartBright G2 LED Floodlight, 4000 lm, 50 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		
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	50 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	Cable 0.25m without plug
Light Technical			
Luminous Flux	4,000 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	80 lm/W		
Color rendering index (CRI)	>80		
Light source color	840 neutral white		

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Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
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	240 mm
Overall width	201 mm
Overall height	38 mm
Effective projected area	0.053 m²
Dimensions (Height x Width x Depth)	38 x 201 x 240 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
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BVP135 LED40/NW 50W 100-240V WB
Full product name	BVP135 LED40/NW 50W 100-240V WB
Full product code	871016331559199
Order code	911401614204
Material Nr. (12NC)	911401614204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315591
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315713

Dimensional drawing

