PHILIPS Lighting



Essential SmartBright G2 LED Floodlight

BVP135 LED40/CW 50W 100-240V WB

Essential SmartBright G2 LED Floodlight, 4000 lm, 50 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	
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	4,000 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

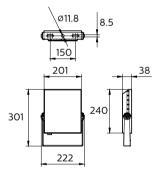
Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	100 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m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

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Temperature		Mech. impact protection code	IK06 [1 J]
Ambient temperature range	-20 to +40 °C	Protection class IEC	Safety class I
Controls and Dimming		Initial Performance (IEC Compl	iant)
Dimmable	No	Luminous flux tolerance	+/-10%
Control interface	-	Initial chromaticity	SDCM <7
Constant light output	No	Power consumption tolerance	+/-10%
Mechanical and Housing		Application Conditions	
Housing Material	Aluminum die cast	Maximum dim level	Not applicable
Optical cover material	Polycarbonate		
Fixation material	Steel	Product Data	
Housing Color	Black	Order product name	BVP135 LED40/CW 50W 100-240
Mounting device	Mounting bracket adjustable	Full product name	BVP135 LED40/CW 50W 100-240
Optical cover shape	Flat	Full product code	871016331560799
Optical cover finish	Textured	Order code	911401614304
Overall length	240 mm	Material Nr. (12NC)	911401614304
Overall width	201 mm	Numerator - Quantity Per Pack	1
Overall height	38 mm	EAN/UPC - Product/Case	8710163315607
Effective projected area	0.053 m²	Numerator - Packs per outer box	12
Dimensions (Height x Width x Depth)	38 x 201 x 240 mm	EAN/UPC - Case	8710163315720

Ingress protection code

Dimensional drawing





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IP65 [Dust penetration-protected, jet-proof]