Essential SmartBright G2 LED Floodlight

BVP137 LED56/WW 70W 220-240V WB CQC

Essential SmartBright G2 LED Floodlight, 5600 lm, 70 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

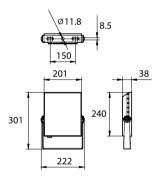|	
Luminous Flux	5,600 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white

Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug

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Temperature

Ambient temperature range	–40 to +45 °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	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 / Protection class IEC

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	BVP137 LED56/WW 70W 220-240V WB CQC
Full product name	BVP137 LED56/WW 70W 220-240V WB CQC
Full product code	692382862594899
Order code	911401712482
Material Nr. (12NC)	911401712482
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	6923828625948
Numerator – Packs per outer box	6
EAN/UPC – Case	6923828625979

Dimensional drawing

www.lighting.philips.com

2023, December 5 - data subject to change