# **PHILIPS** Lighting



# Essential SmartBright G2 LED Floodlight

## BVP137 LED56/NW 70W 220-240V WB

Essential SmartBright G2 LED Floodlight, 5600 lm, 70 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	
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)	4000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white

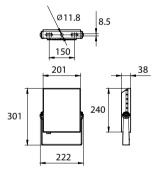
Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	70 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug

### Essential SmartBright G2 LED Floodlight

Temperature		Mech. impact protection code	IK06 [1 J]
Ambient temperature range	-40 to +45 °C	Protection class IEC	Safety class I
Controls and Dimming		Initial Performance (IEC Comp	liant)
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	BVP137 LED56/NW 70W 220-240
Mounting device	Mounting bracket adjustable	Full product name	BVP137 LED56/NW 70W 220-240
Optical cover shape	Flat	Full product code	871016331443399
Optical cover finish	Textured	Order code	31443399
Overall length	240 mm	Material Nr. (12NC)	911401860098
Overall width	201 mm	Numerator - Quantity Per Pack	1
Overall height	38 mm	EAN/UPC - Product/Case	8710163314433
Effective projected area	0.053 m²	Numerator - Packs per outer box	6
Dimensions (Height x Width x Depth)	38 x 201 x 240 mm	EAN/UPC - Case	8710163314587

Ingress protection code

#### **Dimensional drawing**





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IP65 [Dust penetration-protected, jet-proof]

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