



Essential Smartbright LED

BVP161 LED90/CW 100W 220-240V WB GOLD

Essential Smartbright LED, 9000 lm, 100 W, 757 cool white, Wide beam, Safety class I, Mounting bracket adjustable

Philips Essential SmartBright LED Floodlight not only ensures savings on initial capital, but also delivers reliable operational savings.

Product data

General Information		Line Frequency		50 to 60 Hz
Light source replaceable	No	Inrush current	1.22 A	
Driver included	Yes	Inrush time	0.00335 ms	
Light source engine type	LED	Power Consumption	100 W	
Lighting Technology	LED	Power Factor (Fraction)	0.9	
Flammability mark	For mounting on normally flammable surfaces	Connection	Flying leads/wires	
CE mark	-	Cable	Cable 0.3 m without plug	
Light Technical		Temperature		
Luminous Flux	9,000 lm	Ambient temperature range	-40 to +45 °C	
Correlated Color Temperature (Nom)	5700 K	Controls and Dimming		
Luminous Efficacy (rated) (Nom)	90 lm/W	Dimmable	No	
Color rendering index (CRI)	>70	Control interface	-	
Light source color	757 cool white	Mechanical and Housing		
Optical cover type	Micro-lens optic in polycarbonate cover, wide	Housing Material	Aluminum die cast	
Optic type outdoor	Wide beam	Optical cover material	Polycarbonate	
Operating and Electrical		Housing Color	Gold	
Input Voltage	220 to 240 V			

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Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Frosted
Overall length	315.5 mm
Overall width	233.5 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 234 x 316 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	4/2 kV
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	SDCM <5
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP161 LED90/CW 100W 220-240V WB GOLD
Full product name	BVP161 LED90/CW 100W 220-240V WB GOLD
Full product code	911401534331
Order code	911401534331
Material Nr. (12NC)	911401534331
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

Dimensional drawing

