



# Essential Smartbright LED

## BVP161 LED85/WW 100W 220-240V WB GOLD

Essential Smartbright LED, 8500 lm, 100 W, 730 warm 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			
Light source replaceable	No	Line Frequency	50 to 60 Hz
Driver included	Yes	Inrush current	1.22 A
Light source engine type	LED	Inrush time	0.00335 ms
Lighting Technology	LED	Power Consumption	100 W
Flammability mark	For mounting on normally flammable surfaces	Power Factor (Fraction)	0.9
CE mark	-	Connection	Flying leads/wires
		Cable	Cable 0.3 m without plug
Light Technical		Temperature	
Luminous Flux	8,500 lm	Ambient temperature range	-40 to +45 °C
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	85 lm/W	Controls and Dimming	
Color rendering index (CRI)	>70	Dimmable	No
Light source color	730 warm white	Control interface	-
Optical cover type	Micro-lens optic in polycarbonate cover, wide		
Optic type outdoor	Wide beam	Mechanical and Housing	
Operating and Electrical		Housing Material	Aluminum die cast
Input Voltage	220 to 240 V	Optical cover material	Polycarbonate
		Housing Color	Gold

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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 LED85/WW 100W 220-240V WB GOLD
Full product name	BVP161 LED85/WW 100W 220-240V WB GOLD
Full product code	911401534431
Order code	911401534431
Material Nr. (12NC)	911401534431
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

## Dimensional drawing

