



Essential Smartbright LED

BVP161 LED90/CW 100W 220-240V WB GREY KR

Essential Smartbright LED, 9000 lm, 100 W, 757 cool white, Symmetrical, 30° x 80°, 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

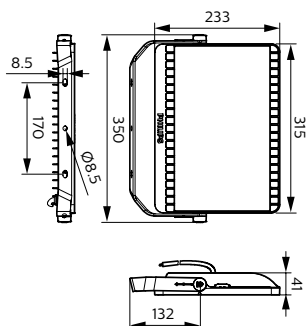
| General Information | | | |
|-----------------------------|----------------------------|------------------------------------|---|
| Lamp family code | LED90 [LED module 9000 lm] | Standard tilt angle side entry | - |
| Light source replaceable | No | Correlated Color Temperature (Nom) | 5700 K |
| Number of gear units | 1 unit | Luminous Efficacy (rated) (Nom) | 90.00 lm/W |
| Driver included | Yes | Color rendering index (CRI) | >70 |
| Light source engine type | LED | Light source color | 757 cool white |
| Lighting Technology | LED | Optical cover type | Micro-lens optic in polycarbonate cover, wide |
| Flammability mark | - | Luminaire light beam spread | 30° x 80° |
| CE mark | CE mark | Optic type outdoor | Symmetrical |
| ENEC mark | - | Operating and Electrical | |
| Warranty period | 3 years | Input Voltage | 220 to 240 V |
| EU RoHS compliant | No | Line Frequency | 50 to 60 Hz |
| Light Technical | | Inrush current | 0.64 A |
| Upward light output ratio | 0 | Inrush time | 1.2 ms |
| Luminous Flux | 9,000 lm | Power Consumption | 100 W |
| Standard tilt angle posttop | - | Power Factor (Fraction) | 0.9 |

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|---|--|
| Connection | Flying leads/wires |
| Cable | Cable 0.6 m without plug |
| Number of products on MCB of 16 A type B 22 | |
| | |
| Temperature | |
| Ambient temperature range | -40 to +45 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | - |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Steel |
| Housing Color | Grey |
| 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 |
| Effective projected area | 0.075 m² |
| 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) | EN61547 (L-L 2kV, L-G 4kV) kV |
| Protection class IEC | Safety class I |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.31, 0.32) SDCM<5 |
| Power consumption tolerance | +/-10% |
| | |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5000 h | 1.00 % |
| | |
| Application Conditions | |
| Maximum dim level | Not applicable |
| | |
| Product Data | |
| Order product name | BVP161 LED90/CW 100W 220-240V WB GREY KR |
| Full product name | BVP161 LED90/CW 100W 220-240V WB GREY KR |
| Full product code | 871016330533299 |
| Order code | 911401824098 |
| Material Nr. (12NC) | 911401824098 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8710163305332 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8710163305424 |

Dimensional drawing



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