



Essential SmartBright G5 LED Floodlight

BVP150 LED150/CW PSU 150W SWB G3 GM

Essential SmartBright G5 LED Floodlight, 15000 lm, 150 W, 865 cool daylight, 110°, Safety class I, Mounting bracket

The Essential SmartBright G5 LED Floodlight is the new successor with robust die-cast aluminum housing suitable for general outdoor application. Lightweight, with a robust die-cast aluminum housing and corrosion-proof coating, it's suitable for general outdoor applications. Plus, with a higher efficacy than the previous generation, it also saves more energy.

Product data

| General Information | | Optic type | |
|------------------------------------|-------------------|--|--------------------------|
| Number of gear units | 1 unit | Optic type | Wide beam |
| Gear | - | Luminaire light beam spread | 110° |
| Driver included | Yes | Effective projected area | 0.09 m² |
| Light source engine type | LED | Operating and Electrical | |
| Value ladder | Value | Input Voltage | 220 to 240 V |
| Warranty period | 2 years | Line Frequency | 50 or 60 Hz |
| | | Inrush current | 10 A |
| | | Inrush time | 0.03 ms |
| | | Power Consumption | 150 W |
| | | Power Factor (Fraction) | 0.9 |
| | | Connection | Flying leads/wires |
| | | Cable | Cable 0.7 m without plug |
| | | Number of products on MCB of 16 A type B | 15 |
| | | Suitable for random switching | No |
| Light Technical | | | |
| Luminous Flux | 15,000 lm | | |
| Correlated Color Temperature (Nom) | 6500 K | | |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | | |
| Color rendering index (CRI) | 80 | | |
| Number of light sources | 1 | | |
| Beam angle of light source | 110 degree(s) | | |
| Light source color | 865 cool daylight | | |

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|----------------------|----------------|
| Protection class IEC | Safety class I |
|----------------------|----------------|

Controls and Dimming

| | |
|-------------------|----------------|
| Dimmable | No |
| Control interface | - |
| Maximum dim level | Not applicable |

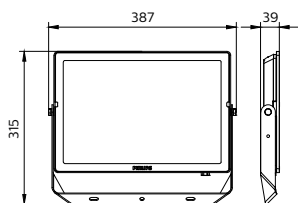
Mechanical and Housing

| | |
|-------------------------------------|--|
| Housing Material | Aluminum die-cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover material | Glass |
| Housing Color | Black |
| Mounting device | Mounting bracket |
| Optical cover finish | Clear |
| Overall length | 387 mm |
| Overall width | 315 mm |
| Overall height | 39 mm |
| Dimensions (Height x Width x Depth) | 39 x 315 x 387 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [1 J] |
| Optical cover type | Tempered glass |
| Net Weight (Piece) | 2.400 kg |

Approval and Application

| | |
|-------------------|---|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |

Dimensional drawing



| | |
|------------------------------------|--|
| CE mark | No |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -40 to +50 °C |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.31, 0.34) SDCM≤6 |
| Power consumption tolerance | +/-10% |

Product Data

| | |
|---------------------------------|-------------------------------------|
| Order product name | BVP150 LED150/CW PSU 150W SWB G3 GM |
| Full product name | BVP150 LED150/CW PSU 150W SWB G3 GM |
| Full product code | 872016952232999 |
| Order code | 911401837286 |
| Material Nr. (12NC) | 911401837286 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169522329 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8720169522565 |

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