



Essential SmartBright G6 LED Floodlight

BVP150 LED10/WW PSU 10W SWB G4 MA

Essential SmartBright G6 LED Floodlight, 940 lm, 10 W, 830 warm white, 100°, Safety class I, Mounting bracket

Essential SmartBright G6 LED Floodlight is the new successor with robust die-cast aluminum housing and corrosion-proof coating which suitable for general outdoor application. Product has high efficacy which is energy saving for customers. Product has anti-siphon function to ensure a reliable performance in the long lifetime.

Product data

| General Information | | Unified glare rating CEN | |
|------------------------------------|-----------------------|--|--------------------------|
| Number of gear units | 1 unit | Unified glare rating CEN | Not applicable |
| Gear | EB [Electronic] | Effective projected area | 0.005 m ² |
| Driver included | Yes | Operating and Electrical | |
| Light source engine type | LED | Input Voltage | 220 to 240 V |
| Warranty period | 2 years | Line Frequency | 50 or 60 Hz |
| Light Technical | | Inrush current | 2 A |
| Luminous Flux | 940 lm | Inrush time | 0.03 ms |
| Correlated Color Temperature (Nom) | 3000 K | Power Consumption | 10 W |
| Luminous Efficacy (rated) (Nom) | 94 lm/W | Power Factor (Fraction) | 0.9 |
| Color rendering index (CRI) | ≥80 | Connection | Flying leads/wires |
| Number of light sources | 1 | Cable | Cable 0.3 m without plug |
| Beam angle of light source | 100 degree(s) | Number of products on MCB of 16 A type B | 213 |
| Light source color | 830 warm white | Suitable for random switching | No |
| Optic type | Reflector Symmetrical | Protection class IEC | Safety class I |
| Luminaire light beam spread | 100° | | |

Essential SmartBright G6 LED Floodlight

| Controls and Dimming | |
|----------------------|----------------|
| Dimmable | - |
| Control interface | - |
| Maximum dim level | Not applicable |

| Mechanical and Housing | |
|-------------------------------------|------------------------|
| Housing Material | Aluminum die-cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover material | Tempered glass |
| Housing Color | Black |
| Mounting device | Mounting bracket |
| Optical cover finish | Clear |
| Overall length | 104 mm |
| Overall width | 99 mm |
| Overall height | 23 mm |
| Dimensions (Height x Width x Depth) | 23 x 99 x 104 mm |
| Ingress protection code | IP65 [Water-protected] |
| Mech. impact protection code | IK06 [1 J] |
| Optical cover type | Tempered glass |
| Net Weight (Piece) | 0.150 kg |

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

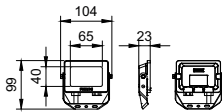
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|------------------------------------|--|
| CE mark | Yes |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -40 to +50 °C |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|---------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.44, 0.40) SDCM≤6 |
| Power consumption tolerance | +/-10% |

| Product Data | |
|---------------------------------|-----------------------------------|
| Order product name | BVP150 LED10/WW PSU 10W SWB G4 MA |
| Full product name | BVP150 LED10/WW PSU 10W SWB G4 MA |
| Full product code | 872110334605699 |
| Order code | 911401871488 |
| Material Nr. (12NC) | 911401871488 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103346056 |
| Numerator - Packs per outer box | 36 |
| EAN/UPC - Case | 8721103346377 |

Dimensional drawing

BVP150 G4 10W SWB



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