



SmartBright G3 LED Floodlight

BVP151 LED360/CW PSU 300W SWB G3 GM

SmartBright G3 LED Floodlight, 36000 lm, 300 W, 865 cool daylight, 110°, Safety class I, Mounting bracket adjustable

The SmartBright G3 LED Floodlight is the new successor with robust die-cast aluminum housing suitable for general outdoor application. It delivers high efficacy and outstanding energy savings.

Product data

| General Information | | Effective projected area | |
|------------------------------------|-------------------|--|---------------------------------|
| Number of gear units | 2 units | | 0.164 m ² |
| Gear | EB [Electronic] | Operating and Electrical | |
| Driver included | Yes | Line Frequency | 50 or 60 Hz |
| Light source engine type | LED | Inrush current | 125 A |
| Value ladder | Value | Inrush time | 0.05 ms |
| | | Power Consumption | 300 W |
| | | Power Factor (Fraction) | 0.9 |
| | | Connection | Flying leads/wires |
| | | Cable | Cable 1.0 m without plug 3-pole |
| | | Number of products on MCB of 16 A type B 8 | |
| | | Suitable for random switching | No |
| | | Protection class IEC | Safety class I |
| | | Controls and Dimming | |
| | | Dimmable | - |
| | | Control interface | - |
| Light Technical | | | |
| Luminous Flux | 36,000 lm | | |
| Correlated Color Temperature (Nom) | 6500 K | | |
| Luminous Efficacy (rated) (Nom) | 120 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 | | |
| Optic type | Symmetric 110° | | |
| Luminaire light beam spread | 110° | | |

SmartBright G3 LED Floodlight

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|-------------------|----------------|
| 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 | Grey |
| Mounting device | Mounting bracket adjustable |
| Optical cover finish | Clear |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [6 J] |
| Optical cover type | Tempered glass |
| Net Weight (Piece) | 6.200 kg |

Approval and Application

| | |
|----------------------|--|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | No |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |

| | |
|------------------------------------|-----------------|
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -25 °C to 50 °C |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------------|
| Luminous flux tolerance | -10% / +10% |
| Initial chromaticity | (0.313,0.337) SDCM≤5 |
| Power consumption tolerance | +/-10% |

Product Data

| | |
|---------------------------------|-------------------------------------|
| Order product name | BVP151 LED360/CW PSU 300W SWB G3 GM |
| Full product name | BVP151 LED360/CW PSU 300W SWB G3 GM |
| Full product code | 872016976228299 |
| Order code | 911401831087 |
| Material Nr. (12NC) | 911401831087 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169762282 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8720169762336 |

Dimensional drawing

