



# SmartBright G3 LED Floodlight

## BVP151 LED240/CW PSU 200W SWB G3 GM

SmartBright G3 LED Floodlight, 24000 lm, 200 W, 865 cool daylight, 110°, Safety class I, Mounting bracket

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                |                   |
|------------------------------------|-------------------|
| Number of gear units               | 1 unit            |
| Gear                               | -                 |
| Driver included                    | Yes               |
| Light source engine type           | LED               |
| Warranty period                    | 3 years           |
| Light Technical                    |                   |
| Luminous Flux                      | 24,000 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                         | Wide beam         |
| Luminaire light beam spread        | 110°              |

| Effective projected area                    | 0.112 m²                        |
|---------------------------------------------|---------------------------------|
| Operating and Electrical                    |                                 |
| Input Voltage                               | 220 to 240 V                    |
| Line Frequency                              | 50 or 60 Hz                     |
| Inrush current                              | 4.38 A                          |
| Inrush time                                 | 0.0284 ms                       |
| Power Consumption                           | 200 W                           |
| Power Factor (Fraction)                     | 0.95                            |
| Connection                                  | Flying leads/wires              |
| Cable                                       | Cable 1.0 m without plug 3-pole |
| Number of products on MCB of 16 A type B 11 |                                 |
| Suitable for random switching               | Not applicable                  |
| Protection class IEC                        | Safety class I                  |
| Controls and Dimming                        |                                 |
| Dimmable                                    | No                              |
| Control interface                           | -                               |

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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                             |
| Optical cover finish                | Clear                                        |
| Overall length                      | 474 mm                                       |
| Overall width                       | 336 mm                                       |
| Overall height                      | 37 mm                                        |
| Dimensions (Height x Width x Depth) | 37 x 336 x 474 mm                            |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK08 [5 J vandal-protected]                  |
| Optical cover type                  | Glass                                        |
| Net Weight (Piece)                  | 4.660 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 |
| Photobiological risk specification  | 0.2 m                                          |
| EU RoHS compliant                   | Yes                                            |
| Performance ambient temperature Tq  | 25 °C                                          |
| Ambient temperature range           | -25 to +40 °C                                  |
| Initial Performance (IEC Compliant) |                                                |
| Luminous flux tolerance             | +/-10%                                         |
| Initial chromaticity                | (0.31, 0.34) SDCM≤5                            |
| Power consumption tolerance         | +/-10%                                         |
| Product Data                        |                                                |
| Order product name                  | BVP151 LED240/CW PSU 200W SWB G3 GM            |
| Full product name                   | BVP151 LED240/CW PSU 200W SWB G3 GM            |
| Full product code                   | 872016973245299                                |
| Order code                          | 911401868286                                   |
| Material Nr. (12NC)                 | 911401868286                                   |
| Numerator - Quantity Per Pack       | 1                                              |
| EAN/UPC - Product/Case              | 8720169732452                                  |
| Numerator - Packs per outer box     | 4                                              |
| EAN/UPC - Case                      | 8720169732537                                  |

Dimensional drawing

