



# Essential SmartBright Flood WV

## BVP153 G4 LED100/CW 100W 110-277V SWB

Essential SmartBright Flood WV, 10000 lm, 100 W, 865 cool daylight, 110°, Safety class I, Mounting bracket

The Essential SmartBright LED floodlight comes with a compact and sturdy design. It's wide input voltage, from 110 to 277V. This product with robust die-cast aluminum housing, corrosion-proof coating and antisiphon design, suitable for general outdoor application. Higher efficacy to 100lm/W , achieve more energy savings.

### Product data

| General Information                |                       |
|------------------------------------|-----------------------|
| Number of gear units               | 1 unit                |
| Gear                               | EB [Electronic]       |
| Driver included                    | Yes                   |
| Light source engine type           | LED                   |
| Warranty period                    | 2 years               |
| Light Technical                    |                       |
| Luminous Flux                      | 10,000 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     |
| Optic type                         | Reflector Symmetrical |
| Luminaire light beam spread        | 110°                  |

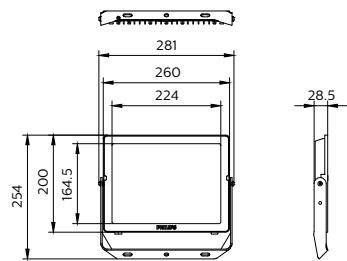
| Effective projected area                    | 0.072 m²                          |
|---------------------------------------------|-----------------------------------|
| Operating and Electrical                    |                                   |
| Input Voltage                               | 110 to 277 V                      |
| Line Frequency                              | 50 or 60 Hz                       |
| Inrush current                              | 10.4 A                            |
| Inrush time                                 | 0.0087 ms                         |
| Power Consumption                           | 100 W                             |
| Power Factor (Fraction)                     | 0.9                               |
| Connection                                  | Flying leads/wires                |
| Cable                                       | Cable 0.3 m with connector 3-pole |
| Number of products on MCB of 16 A type B 12 |                                   |
| Suitable for random switching               | Not applicable                    |
| Protection class IEC                        | Safety class I                    |
| Controls and Dimming                        |                                   |
| Dimmable                                    | No                                |

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|                                     |                                              |
|-------------------------------------|----------------------------------------------|
| Control interface                   | -                                            |
| Maximum dim level                   | Not applicable                               |
| <b>Mechanical and Housing</b>       |                                              |
| Housing Material                    | Aluminum die-cast                            |
| Reflector material                  | Polycarbonate                                |
| Optic material                      | Polycarbonate                                |
| Optical cover material              | Tempered glass                               |
| Housing Color                       | Black                                        |
| Mounting device                     | Mounting bracket                             |
| Optical cover finish                | Clear                                        |
| Overall length                      | 281 mm                                       |
| Overall width                       | 254 mm                                       |
| Overall height                      | 28.5 mm                                      |
| Dimensions (Height x Width x Depth) | 29 x 254 x 281 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)                  | 1.330 kg                                     |
| <b>Approval and Application</b>     |                                              |
| 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                  | -40 °C to 50 °C                                |
| <b>Initial Performance (IEC Compliant)</b> |                                                |
| Luminous flux tolerance                    | +/-10%                                         |
| Initial chromaticity                       | (0.312, 0.328) SDCM<6                          |
| Power consumption tolerance                | +/-10%                                         |
| <b>Product Data</b>                        |                                                |
| Order product name                         | BVP153 G4 LED100/CW 100W 110-277V SWB          |
| Full product name                          | BVP153 G4 LED100/CW 100W 110-277V SWB          |
| Full product code                          | 872110332804599                                |
| Order code                                 | 911401823988                                   |
| Material Nr. (12NC)                        | 911401823988                                   |
| Numerator - Quantity Per Pack              | 1                                              |
| EAN/UPC - Product/Case                     | 8721103328045                                  |
| Numerator - Packs per outer box            | 16                                             |
| EAN/UPC - Case                             | 8721103328311                                  |

Dimensional drawing



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