



# Essential SmartBright G4 LED Floodlight BVP150

## BVP150 LED18/CW PSU 20W SWB G2 GM

Essential SmartBright G4 LED Floodlight BVP150 - 1900 lm - 20 W - 6500 K

The Essential SmartBright G4 LED floodlight comes in a compact and sturdy design. 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

| eneral information       |                          | Power Factor (Min)          | 0.9               |
|--------------------------|--------------------------|-----------------------------|-------------------|
| ght source color         | 865 cool daylight        |                             |                   |
| Driver included          | Yes                      | Controls and dimming        |                   |
| Optical cover/lens type  | Glass                    | Dimmable                    | No                |
| Control interface        | -                        |                             |                   |
| Connection               | Flying leads/wires       | Mechanical and housing      |                   |
| Cable                    | Cable 0.3 m without plug | Housing Material            | Aluminum die-cast |
| Protection class IEC     | Safety class I           | Optical cover/lens material | Tempered glass    |
| CE mark                  | -                        | Overall length              | 140 mm            |
|                          |                          | Overall width               | 125 mm            |
| Operating and electrical |                          | Overall height              | 29 mm             |
| Input Voltage            | 220-240 V                | Effective projected area    | 0.06 m²           |
| Input Frequency          | 50 or 60 Hz              | Color                       | Black             |
| Inrush current           | 0.45 A                   |                             |                   |

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| Approval and application            |  |  |  |  |
|-------------------------------------|--|--|--|--|
| Ingress protection code             | IP65 [ Dust penetration-protected, jet-proof |  |  |  |
| Mech. impact protection code        | IK06 [ 1 J]                                  |  |  |  |
|                                     |  |  |  |  |
| Initial performance (IEC compl      | iant)  |  |  |  |
| Initial luminous flux (system flux) | 1900 lm                                      |  |  |  |
| Luminous flux tolerance             | +/-10%                                       |  |  |  |
| Initial LED luminaire efficacy      | 95 lm/W                                      |  |  |  |
| Init. Corr. Color Temperature       | 6500 K                                       |  |  |  |
| Init. Color Rendering Index         | >80  |  |  |  |
| Initial chromaticity                | (0.313, 0.337) SDCM <6                       |  |  |  |
| Initial input power                 | 20 W   |  |  |  |
| Power consumption tolerance         | +/-10%                                       |  |  |  |

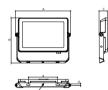
-40 to +50 °C

| Product data                    |                                   |  |  |
|---------------------------------|-----------------------------------|--|--|
| Full product code               | 871951453251999                   |  |  |
| Order product name              | BVP150 LED18/CW PSU 20W SWB G2 GM |  |  |
| EAN/UPC - Product               | 8719514532519                     |  |  |
| Order code                      | 911401831283                      |  |  |
| Numerator - Quantity Per Pack   | 1                                 |  |  |
| Numerator - Packs per outer box | 36                                |  |  |
| Material Nr. (12NC)             | 911401831283                      |  |  |
| Net Weight (Piece)              | 0.380 kg                          |  |  |
|                                 |                                   |  |  |



#### **Dimensional drawing**

Application conditions
Ambient temperature range



|   | BVP150 |     |     |     |     |      |      |      |  |  |  |
|---|--------|-----|-----|-----|-----|------|------|------|--|--|--|
|   | 10W    | 20W | 30W | 50W | 70W | 100W | 150W | 200W |  |  |  |
| A | 107    | 141 | 188 | 220 | 273 | 320  | 382  | 454  |  |  |  |
| В | 99     | 122 | 155 | 175 | 212 | 246  | 289  | 331  |  |  |  |
| C | 29     | 27  | 28  | 30  | 33  | 37   | 39   | 40   |  |  |  |
| a | 45     | 75  | 100 | 125 | 125 | 160  | 200  | 210  |  |  |  |
| b | 5      | 5   | 6   | 8.5 | 8.5 | 8.5  | 8.5  | 10.5 |  |  |  |
| с | 5.5    | 5.5 | 6.5 | 9   | 9   | 9    | 9    | 11   |  |  |  |

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