



# Essential SmartBright G2 LED Floodlight

## BVP135 LED40/WW 50W 220-240V WB

Essential SmartBright G2 LED Floodlight, 4000 lm, 50 W, 830 warm white, 100°, Safety class I, Mounting bracket adjustable

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

#### **Product data**

| General Information                |                |
|------------------------------------|----------------|
| Light source replaceable           | No             |
| Driver included                    | Yes            |
| Light source engine type           | LED            |
| Lighting Technology                | LED            |
| CE mark                            | CE mark        |
| Flammability mark                  | -              |
|                                    |                |
| Light Technical                    |                |
| Luminous Flux                      | 4,000 lm       |
| Standard tilt angle posttop        | -              |
| Standard tilt angle side entry     | -              |
| Correlated Color Temperature (Nom) | 3000 K         |
| Luminous Efficacy (rated) (Nom)    | 80.00 lm/W     |
| Color rendering index (CRI)        | >80            |
| Light source color                 | 830 warm white |
|                                    |                |

| Optical cover type          | Polycarbonate bowl/cover flat |
|-----------------------------|-------------------------------|
| Luminaire light beam spread | 100°                          |
|                             |                               |
| Operating and Electrical    |                               |
| Input Voltage               | 220 to 240 V                  |
| Line Frequency              | 50 to 60 Hz                   |
| Power Consumption           | 50 W                          |
| Power Factor (Fraction)     | 0.9                           |
| Connection                  | Flying leads/wires            |
| Cable                       | Cable 0.25m without plug      |
|                             |                               |
| Temperature                 |                               |
| Ambient temperature range   | -40 to +45 °C                 |
|                             |                               |
| Controls and Dimming        |                               |
| Dimmable                    | No                            |

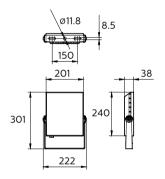
Datasheet, 2023, December 6 data subject to change

# Essential SmartBright G2 LED Floodlight

| Control interface                   |  |
|-------------------------------------|--|
|                                     |  |
| Mechanical and Housing              |  |
| Housing Material                    | Aluminum die cast                            |
| Optical cover material              | Polycarbonate                                |
| Housing Color                       | Black  |
| Mounting device                     | Mounting bracket adjustable                  |
| Optical cover finish                | Textured                                     |
| Overall length                      | 240 mm                                       |
| Overall width                       | 201 mm                                       |
| Overall height                      | 38 mm  |
| Dimensions (Height x Width x Depth) | 38 x 201 x 240 mm                            |
|                                     |  |
| Approval and Application            |  |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code        | IK06 [1 J]                                   |
| Protection class IEC                | Safety class I                               |

| Initial Performance (IEC Compliant) |                                 |
|-------------------------------------|---------------------------------|
| Luminous flux tolerance             | +/-10%                          |
| Initial chromaticity                | SDCM <7                         |
| Power consumption tolerance         | +/-10%                          |
|                                     |                                 |
| Product Data                        |                                 |
| Order product name                  | BVP135 LED40/WW 50W 220-240V WB |
| Full product name                   | BVP135 LED40/WW 50W 220-240V WB |
| Full product code                   | 911401859698                    |
| Order code                          | 911401859698                    |
| Material Nr. (12NC)                 | 911401859698                    |
| Numerator - Quantity Per Pack       | 1                               |
| EAN/UPC - Product/Case              | 8710163314396                   |
| Numerator - Packs per outer box     | 12                              |
| EAN/UPC - Case                      | 8710163314549                   |
|                                     |                                 |

### Dimensional drawing





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