



# Essential SmartBright G2 LED Floodlight

## BVP133 LED24/CW 30W 220-240V WB CQC

Essential SmartBright G2 LED Floodlight, 2400 lm, 30 W, 865 cool daylight, Symmetrical wide beam, 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                |
| Number of gear units               | 1 unit            |
| Driver included                    | Yes               |
| Light source engine type           | LED               |
| Lighting Technology                | LED               |
| CE mark                            | -                 |
|                                    |                   |
| Light Technical                    |                   |
| Luminous Flux                      | 2,400 lm          |
| Correlated Color Temperature (Nom) | 6500 K            |
| Luminous Efficacy (rated) (Nom)    | 80 lm/W           |
| Color rendering index (CRI)        | >80               |
| Light source color                 | 865 cool daylight |
|                                    |                   |

| Optical cover type          | Polycarbonate bowl/cover flat |
|-----------------------------|-------------------------------|
| Luminaire light beam spread | 100°                          |
| Optic type outdoor          | Symmetrical wide beam         |
|                             |                               |
| Operating and Electrical    |                               |
| Input Voltage               | 220 to 240 V                  |
| Line Frequency              | 50 to 60 Hz                   |
| Power Consumption           | 30 W                          |
| Power Factor (Fraction)     | 0.9                           |
| Connection                  | Flying leads/wires            |
| Cable                       | Cable 0.25m without plug      |
|                             |                               |

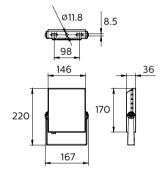
Datasheet, 2023, December 5 data subject to change

# Essential SmartBright G2 LED Floodlight

| Temperature                         |                             |
|-------------------------------------|-----------------------------|
| Ambient temperature range           | -40 to +45 °C               |
|                                     |                             |
| Controls and Dimming                |                             |
| Dimmable                            | No                          |
| Control interface                   | -                           |
| Constant light output               | No                          |
|                                     |                             |
| Mechanical and Housing              |                             |
| Housing Material                    | Aluminum die cast           |
| Optical cover material              | Polycarbonate               |
| Fixation material                   | Steel                       |
| Housing Color                       | Black                       |
| Mounting device                     | Mounting bracket adjustable |
| Optical cover shape                 | Flat                        |
| Optical cover finish                | Textured                    |
| Overall length                      | 170 mm                      |
| Overall width                       | 146 mm                      |
| Overall height                      | 36 mm                       |
| Effective projected area            | 0.028 m²                    |
| Dimensions (Height x Width x Depth) | 36 x 146 x 170 mm           |
|                                     |                             |
| Approval and Application            |                             |
|                                     |                             |

| 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%                              |  |
|                                     |                                     |  |
| Application Conditions              |                                     |  |
| Maximum dim level                   | Not applicable                      |  |
|                                     |                                     |  |
| Product Data                        |                                     |  |
| Order product name                  | BVP133 LED24/CW 30W 220-240V WB CQC |  |
| Full product name                   | BVP133 LED24/CW 30W 220-240V WB CQC |  |
| Full product code                   | 911401612804                        |  |
| Order code                          | 911401612804                        |  |
| Material Nr. (12NC)                 | 911401612804                        |  |
| Numerator - Quantity Per Pack       | 1                                   |  |
| EAN/UPC - Product/Case              | 6923828625344                       |  |
| Numerator - Packs per outer box     | 12                                  |  |
| EAN/UPC - Case                      | 6923828625467                       |  |
|                                     |                                     |  |

### Dimensional drawing





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