# **PHILIPS** Lighting



# Essential SmartBright G2 LED Floodlight

## BVP137 LED56/NW 70W 220-240V WB

Essential SmartBright G2 LED Floodlight, 5600 lm, 70 W, 840 neutral white, 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                            | CE mark           |
|                                    |                   |
| Light Technical                    |                   |
| Luminous Flux                      | 5,600 lm          |
| Correlated Color Temperature (Nom) | 4000 K            |
| Luminous Efficacy (rated) (Nom)    | 80 lm/W           |
| Color rendering index (CRI)        | >80               |
| Light source color                 | 840 neutral white |

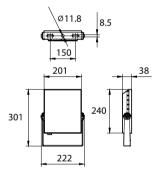
| Optical cover type          | Polycarbonate bowl/cover flat |
|-----------------------------|-------------------------------|
| Luminaire light beam spread | 100°                          |
| Optic type outdoor          | Symmetrical wide beam         |
|                             |                               |
| Operating and Electrical    |                               |
| Input Voltage               | 220 to 240 V                  |
| Line Frequency              | 50 to 60 Hz                   |
| Power Consumption           | 70 W                          |
| Power Factor (Fraction)     | 0.9                           |
| Connection                  | Flying leads/wires            |
| Cable                       | Cable 0.25m without plug      |
|                             |                               |

### Essential SmartBright G2 LED Floodlight

| Temperature                         |                             | Mech. impact protection code    | IK06 [1 J]                 |
|-------------------------------------|-----------------------------|---------------------------------|----------------------------|
| Ambient temperature range           | -40 to +45 °C               | Protection class IEC            | Safety class I             |
| Controls and Dimming                |                             | Initial Performance (IEC Comp   | liant)                     |
| Dimmable                            | No                          | Luminous flux tolerance         | +/-10%                     |
| Control interface                   | -                           | Initial chromaticity            | SDCM <7                    |
| Constant light output               | No                          | Power consumption tolerance     | +/-10%                     |
| Mechanical and Housing              |                             | Application Conditions          |                            |
| Housing Material                    | Aluminum die cast           | Maximum dim level               | Not applicable             |
| Optical cover material              | Polycarbonate               |                                 |                            |
| Fixation material                   | Steel                       | Product Data                    |                            |
| Housing Color                       | Black                       | Order product name              | BVP137 LED56/NW 70W 220-24 |
| Mounting device                     | Mounting bracket adjustable | Full product name               | BVP137 LED56/NW 70W 220-24 |
| Optical cover shape                 | Flat                        | Full product code               | 871016331443399            |
| Optical cover finish                | Textured                    | Order code                      | 911401860098               |
| Overall length                      | 240 mm                      | Material Nr. (12NC)             | 911401860098               |
| Overall width                       | 201 mm                      | Numerator - Quantity Per Pack   | 1                          |
| Overall height                      | 38 mm                       | EAN/UPC - Product/Case          | 8710163314433              |
| Effective projected area            | 0.053 m²                    | Numerator - Packs per outer box | 6                          |
| Dimensions (Height x Width x Depth) | 38 x 201 x 240 mm           | EAN/UPC - Case                  | 8710163314587              |

Ingress protection code

#### **Dimensional drawing**





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IP65 [Dust penetration-protected, jet-proof]

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