PHILIPS

Lighting



# Essential SmartBright G2 LED Floodlight

## BVP131 LED8/NW 10W 220-240V WB CQC

Essential SmartBright G2 LED Floodlight, 800 lm, 10 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** | - |

| Light Technical | |
|---|---|
| **Luminous Flux** | 800 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** | 10 W |
| **Power Factor (Fraction)** | 0.5 |
| **Connection** | Flying leads/wires |
| **Cable** | Cable 0.25m without plug |

# 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** | 109 mm |
| **Overall width** | 99.4 mm |
| **Overall height** | 27 mm |
| **Effective projected area** | 0.013 m² |
| **Dimensions (Height x Width x Depth)** | 27 x 99 x 109 mm |

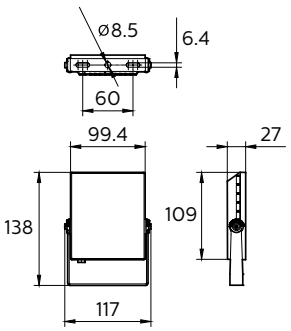
| Approval and Application | |
|---|---|
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK06 [1 J] |
| **Protection class IEC** | Safety class I |

| Initial Performance (IEC Compliant) | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | SDCM <7 |
| **Power consumption tolerance** | +/-10% |

| Application Conditions | |
|---|---|
| **Maximum dim level** | Not applicable |

| Product Data | |
|---|---|
| **Order product name** | BVP131 LED8/NW 10W 220-240V WB CQC |
| **Full product name** | BVP131 LED8/NW 10W 220-240V WB CQC |
| **Full product code** | 911401612104 |
| **Order code** | 911401612104 |
| **Material Nr. (12NC)** | 911401612104 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 6923828625276 |
| **Numerator - Packs per outer box** | 12 |
| **EAN/UPC - Case** | 6923828625399 |

## Dimensional drawing




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