# SmartBright Floodlight G2 BVP151

## BVP151 LED120/NW PSU 100W SWB G2 GM

SmartBright Floodlight G2 BVP151 - 12000 lm - 100 W - 4000 K

The SmartBright G2 LED Floodlight features best-in-class technology to deliver high lumen efficacy with a long lifetime and reliable design. The asymmetrical optical distribution improves the light effect. The product is an ideal solution for most floodlight applications.

### Product data

| General information | |
|---|---|
| **Light source color** | 840 neutral white |
| **Driver included** | Yes |
| **Optical cover/lens type** | Glass |
| **Control interface** | - |
| **Connection** | Flying leads/wires |
| **Cable** | Cable 1.0 m without plug 3-pole |
| **Protection class IEC** | Safety class I |
| **Flammability mark** | - |
| **CE mark** | - |

| Operating and electrical | |
|---|---|
| **Input Voltage** | 220-240 V |
| **Input Frequency** | 50 or 60 Hz |
| **Inrush current** | 3.84 A |
| **Power Factor (Min)** | 0.95 |

| Controls and dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and housing | |
|---|---|
| **Housing Material** | Aluminum die-cast |
| **Optical cover/lens material** | Tempered glass |
| **Overall length** | 220 mm |
| **Overall width** | 312 mm |
| **Overall height** | 34.5 mm |
| **Effective projected area** | 0.045 m² |
| **Color** | Aluminum and gray |

| Approval and application | |
|---|---|
| **Ingress protection code** | IP65 [ Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK08 [ 5 J vandal-protected] |

| Initial performance (IEC compliant) | |
|---|---|
| **Initial luminous flux (system flux)** | 12000 lm |

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| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial LED luminaire efficacy** | 120 lm/W |
| **Init. Corr. Color Temperature** | 4000 K |
| **Init. Color Rendering Index** | >80 |
| **Initial chromaticity** | (0.380, 0.380) SDCM <5 |
| **Initial input power** | 100 W |
| **Power consumption tolerance** | +/-10% |

| | |
|---|---|
| **Order product name** | BVP151 LED120/NW PSU 100W SWB G2 GM |
| **EAN/UPC - Product** | 8719514533998 |
| **Order code** | 911401856183 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 6 |
| **Material Nr. (12NC)** | 911401856183 |
| **Copy Net Weight (Piece)** | 1.740 kg |

## Application conditions

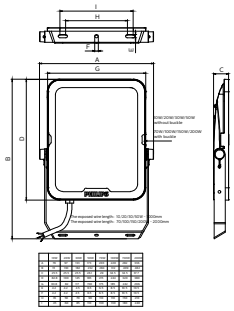
| | |
|---|---|
| **Ambient temperature range** | -25 to +40 °C |

IP65 IK08

## Product data

| | |
|---|---|
| **Full product code** | 871951453399899 |

## Dimensional drawing



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