# Essential SmartBright G3 LED Floodlight

## BVP150 LED17/NW 220-240V 20W SWB CE

Essential SmartBright G3 LED Floodlight - 1700 lm - 20 W - 4000 K

The Essential SmartBright G3 LED floodlight comes with a compact and sturdy design. Its light weight with robust die-cast aluminum housing and corrosion-proof coating, suitable for general outdoor application. Higher efficacy than last genenration, achieves more enery savings.

## Product data

### General Information

| | |
|---|---|
| Light source color | 840 neutral white |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | Glass bowl/cover |
| Luminaire light beam spread | 110° |
| Control interface | – |
| Connection | Flying leads/wires |
| Cable | Cable 0.3 m without plug |
| Protection class IEC | Safety class I |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | CE mark |
| Optic type outdoor | Symmetrical wide beam |
| Constant light output | No |
| Number of products on MCB of 16 A type B | 112 |
| Light source engine type | LED |

| | |
|---|---|
| Serviceability class | Class C, luminaire without serviceable parts, not serviceable |

### Light Technical

| | |
|---|---|
| Standard tilt angle posttop | – |
| Standard tilt angle side entry | – |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Inrush current | 0.778 A |
| Inrush time | 0.0083 ms |
| Power Factor (Min) | 0.9 |

### Controls and Dimming

| | |
|---|---|
| Dimmable | No |

data subject to change

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## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum die cast |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Mounting device | Mounting bracket adjustable |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Textured |
| Overall length | 140 mm |
| Overall width | 110 mm |
| Overall height | 28 mm |
| Color | Black |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK06 [ 1 J] |
| Surge Protection (Common/Differential) | Surge protection level until 2 kV |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Initial luminous flux (system flux) | 1700 lm |
| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 85 lm/W |

| | |
|---|---|
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | >80 |
| Initial chromaticity | SDCM<7 |
| Initial input power | 20 W |
| Power consumption tolerance | +/-10% |

## Application Conditions

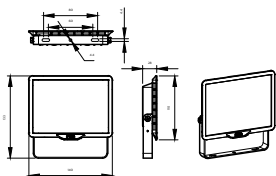| | |
|---|---|
| Ambient temperature range | -40 to +50 °C |

## Product Data

| | |
|---|---|
| Full product code | 871016333015099 |
| Order product name | BVP150 LED17/NW 220-240V 20W SWB CE |
| EAN/UPC – Product | 8710163330150 |
| Order code | 911401732362 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 24 |
| Material Nr. (12NC) | 911401732362 |
| Net Weight (Piece) | 0.318 kg |
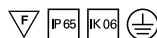
## Dimensional drawing

20W



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www.lighting.philips.com

2022, January 15 – data subject to change