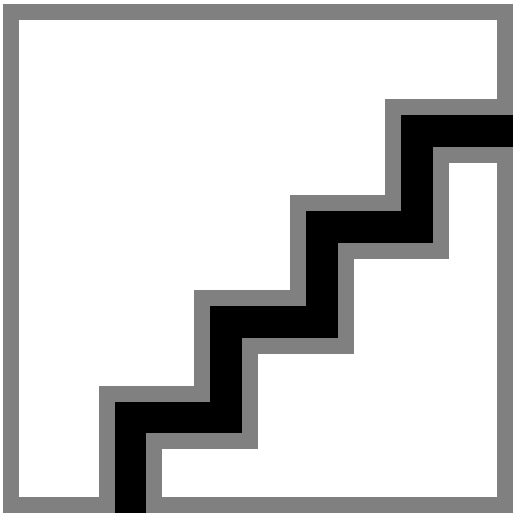
PHILIPS

Lighting



# Less hassle, More savings

## Essential SmartBright G2 LED Floodlight

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.

### Benefits

- Ideal replacement for conventional halogen floodlights with substantial energy savings
- Uniform and less glare light output
- Reliable quality and brand promise guarantee hassle free for outdoor application

### Features

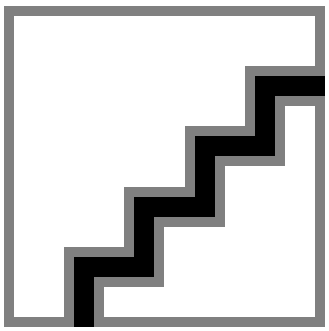
- CCT: 3000K/4000K/6500K
- Power: 10w/20w/30w/50w/70w
- ~80lm/w system efficacy
- 15Khrs lifetime
- Operating temperature: -40°C<Ta<45°C
- Complies IEC60598, EMC standards

### Application

- Amenity/Security/Landscape/Plaza square/Parking/Architectural lighting

# Essential SmartBright G2 LED Floodlight

## Versions



BVP131 LED8

| Approval and Application | |
|---|---|
| **Mech. impact protection code** | IK06 |
| **Controls and Dimming** | |
| **Dimmable** | No |
| **General Information** | |
| **Luminaire light beam spread** | 100° |
| **Optical cover/lens type** | Polycarbonate bowl/cover flat |
| **Driver included** | Yes |
| **Light source replaceable** | No |
| **Initial Performance (IEC Compliant)** | |
| **Init. Color Rendering Index** | >80 |
| **Mechanical and Housing** | |
| **Color** | Black |

## Application Conditions

| Order Code | Full Product Name | Maximum dim level |
|---|---|---|
| 911401612004 | BVP131 LED8/WW 10W 220-240V WB CQC | Not applicable |
| 911401612104 | BVP131 LED8/NW 10W 220-240V WB CQC | Not applicable |
| 911401612204 | BVP131 LED8/CW 10W 220-240V WB CQC | Not applicable |
| 911401612304 | BVP132 LED16/WW 20W 220-240V WB CQC | Not applicable |
| 911401612404 | BVP132 LED16/NW 20W 220-240V WB CQC | Not applicable |
| 911401612504 | BVP132 LED16/CW 20W 220-240V WB CQC | Not applicable |
| 911401612604 | BVP133 LED24/WW 30W 220-240V WB CQC | Not applicable |
| 911401612704 | BVP133 LED24/NW 30W 220-240V WB CQC | Not applicable |
| 911401612804 | BVP133 LED24/CW 30W 220-240V WB CQC | Not applicable |
| 911401612904 | BVP135 LED40/WW 50W 220-240V WB CQC | Not applicable |
| 911401613004 | BVP135 LED40/NW 50W 220-240V WB CQC | Not applicable |
| 911401613104 | BVP135 LED40/CW 50W 220-240V WB CQC | Not applicable |
| 911401613204 | BVP131 LED8/WW 10W 100-240V WB | Not applicable |
| 911401613404 | BVP131 LED8/CW 10W 100-240V WB | Not applicable |
| 911401613504 | BVP132 LED16/WW 20W 100-240V WB | Not applicable |
| 911401613704 | BVP132 LED16/CW 20W 100-240V WB | Not applicable |
| 911401613804 | BVP133 LED24/WW 30W 100-240V WB | Not applicable |
| 911401614004 | BVP133 LED24/CW 30W 100-240V WB | Not applicable |
| 911401614104 | BVP135 LED40/WW 50W 100-240V WB | Not applicable |
| 911401614304 | BVP135 LED40/CW 50W 100-240V WB | Not applicable |
| 911401712482 | BVP137 LED56/WW 70W 220-240V WB CQC | Not applicable |
| 911401712492 | BVP137 LED56/NW 70W 220-240V WB CQC | Not applicable |
| 911401712502 | BVP137 LED56/CW 70W 220-240V WB CQC | Not applicable |
| 911401858798 | BVP131 LED8/WW 10W 220-240V WB | - |
| 911401858898 | BVP131 LED8/NW 10W 220-240V WB | - |
| 911401858998 | BVP131 LED8/CW 10W 220-240V WB | - |
| 911401859098 | BVP132 LED16/WW 20W 220-240V WB | - |
| 911401859198 | BVP132 LED16/NW 20W 220-240V WB | - |
| 911401859298 | BVP132 LED16/CW 20W 220-240V WB | - |
| 911401859398 | BVP133 LED24/WW 30W 220-240V WB | - |
| 911401859498 | BVP133 LED24/NW 30W 220-240V WB | - |
| 911401859598 | BVP133 LED24/CW 30W 220-240V WB | - |
| 911401859698 | BVP135 LED40/WW 50W 220-240V WB | - |
| 911401859798 | BVP135 LED40/NW 50W 220-240V WB | - |
| 911401859898 | BVP135 LED40/CW 50W 220-240V WB | - |

# Essential SmartBright G2 LED Floodlight

| Order Code | Full Product Name | Maximum dim level |
|---|---|---|
| 911401859998 | BVP137 LED56/WW 70W 220-240V WB | Not applicable |
| 911401860098 | BVP137 LED56/NW 70W 220-240V WB | Not applicable |
| 911401860198 | BVP137 LED56/CW 70W 220-240V WB | Not applicable |

## General Information (1/2)

| Order Code | Full Product Name | CE mark | Light source color | Flammability mark | Number of gear units |
|---|---|---|---|---|---|
| 911401612004 | BVP131 LED8/WW 10W 220-240V WB CQC | - | 830 warm white | - | 1 unit |
| 911401612104 | BVP131 LED8/NW 10W 220-240V WB CQC | - | 840 neutral white | - | 1 unit |
| 911401612204 | BVP131 LED8/CW 10W 220-240V WB CQC | - | 865 cool daylight | - | 1 unit |
| 911401612304 | BVP132 LED16/WW 20W 220-240V WB CQC | - | 830 warm white | - | 1 unit |
| 911401612404 | BVP132 LED16/NW 20W 220-240V WB CQC | - | 840 neutral white | - | 1 unit |
| 911401612504 | BVP132 LED16/CW 20W 220-240V WB CQC | - | 865 cool daylight | - | 1 unit |
| 911401612604 | BVP133 LED24/WW 30W 220-240V WB CQC | - | 830 warm white | - | 1 unit |
| 911401612704 | BVP133 LED24/NW 30W 220-240V WB CQC | - | 840 neutral white | - | 1 unit |
| 911401612804 | BVP133 LED24/CW 30W 220-240V WB CQC | - | 865 cool daylight | - | 1 unit |
| 911401612904 | BVP135 LED40/WW 50W 220-240V WB CQC | - | 830 warm white | - | 1 unit |
| 911401613004 | BVP135 LED40/NW 50W 220-240V WB CQC | - | 840 neutral white | - | 1 unit |
| 911401613104 | BVP135 LED40/CW 50W 220-240V WB CQC | - | 865 cool daylight | - | 1 unit |
| 911401613204 | BVP131 LED8/WW 10W 100-240V WB | CE mark | 830 warm white | - | 1 unit |
| 911401613404 | BVP131 LED8/CW 10W 100-240V WB | CE mark | 865 cool daylight | - | 1 unit |
| 911401613504 | BVP132 LED16/WW 20W 100-240V WB | CE mark | 830 warm white | - | 1 unit |
| 911401613704 | BVP132 LED16/CW 20W 100-240V WB | CE mark | 865 cool daylight | - | 1 unit |
| 911401613804 | BVP133 LED24/WW 30W 100-240V WB | CE mark | 830 warm white | - | 1 unit |
| 911401614004 | BVP133 LED24/CW 30W 100-240V WB | CE mark | 865 cool daylight | - | 1 unit |
| 911401614104 | BVP135 LED40/WW 50W 100-240V WB | CE mark | 830 warm white | - | 1 unit |
| 911401614304 | BVP135 LED40/CW 50W 100-240V WB | CE mark | 865 cool daylight | - | 1 unit |
| 911401712482 | BVP137 LED56/WW 70W 220-240V WB CQC | CE mark | 830 warm white | - | 1 unit |
| 911401712492 | BVP137 LED56/NW 70W 220-240V WB CQC | CE mark | 840 neutral white | - | 1 unit |
| 911401712502 | BVP137 LED56/CW 70W 220-240V WB CQC | CE mark | 865 cool daylight | - | 1 unit |
| 911401858798 | BVP131 LED8/WW 10W 220-240V WB | CE mark | 830 warm white | - | - |
| 911401858898 | BVP131 LED8/NW 10W 220-240V WB | CE mark | 840 neutral white | - | - |
| 911401858998 | BVP131 LED8/CW 10W 220-240V WB | CE mark | 865 cool daylight | - | - |
| 911401859098 | BVP132 LED16/WW 20W 220-240V WB | CE mark | 830 warm white | - | - |
| 911401859198 | BVP132 LED16/NW 20W 220-240V WB | CE mark | 840 neutral white | - | - |
| 911401859298 | BVP132 LED16/CW 20W 220-240V WB | CE mark | 865 cool daylight | - | - |
| 911401859398 | BVP133 LED24/WW 30W 220-240V WB | CE mark | 830 warm white | - | - |
| 911401859498 | BVP133 LED24/NW 30W 220-240V WB | CE mark | 840 neutral white | - | - |
| 911401859598 | BVP133 LED24/CW 30W 220-240V WB | CE mark | 865 cool daylight | - | - |
| 911401859698 | BVP135 LED40/WW 50W 220-240V WB | CE mark | 830 warm white | - | - |
| 911401859798 | BVP135 LED40/NW 50W 220-240V WB | CE mark | 840 neutral white | - | - |
| 911401859898 | BVP135 LED40/CW 50W 220-240V WB | CE mark | 865 cool daylight | - | - |
| 911401859998 | BVP137 LED56/WW 70W 220-240V WB | CE mark | 830 warm white | - | 1 unit |

# Essential SmartBright G2 LED Floodlight

| Order Code | Full Product Name | CE mark | Light source color | Flammability mark | Number of gear units |
|---|---|---|---|---|---|
| 911401860098 | BVP137 LED56/NW 70W 220-240V WB | CE mark | 840 neutral white | - | 1 unit |

| Order Code | Full Product Name | CE mark | Light source color | Flammability mark | Number of gear units |
|---|---|---|---|---|---|
| 911401860198 | BVP137 LED56/CW 70W 220-240V WB | CE mark | 865 cool daylight | - | 1 unit |

## General Information (2/2)

| Order Code | Full Product Name | Optic type |
|---|---|---|
| 911401612004 | BVP131 LED8/WW 10W 220-240V WB CQC | Symmetrical wide beam |
| 911401612104 | BVP131 LED8/NW 10W 220-240V WB CQC | Symmetrical wide beam |
| 911401612204 | BVP131 LED8/CW 10W 220-240V WB CQC | Symmetrical wide beam |
| 911401612304 | BVP132 LED16/WW 20W 220-240V WB CQC | Symmetrical wide beam |
| 911401612404 | BVP132 LED16/NW 20W 220-240V WB CQC | Symmetrical wide beam |
| 911401612504 | BVP132 LED16/CW 20W 220-240V WB CQC | Symmetrical wide beam |
| 911401612604 | BVP133 LED24/WW 30W 220-240V WB CQC | Symmetrical wide beam |
| 911401612704 | BVP133 LED24/NW 30W 220-240V WB CQC | Symmetrical wide beam |
| 911401612804 | BVP133 LED24/CW 30W 220-240V WB CQC | Symmetrical wide beam |
| 911401612904 | BVP135 LED40/WW 50W 220-240V WB CQC | Symmetrical wide beam |
| 911401613004 | BVP135 LED40/NW 50W 220-240V WB CQC | Symmetrical wide beam |
| 911401613104 | BVP135 LED40/CW 50W 220-240V WB CQC | Symmetrical wide beam |
| 911401613204 | BVP131 LED8/WW 10W 100-240V WB | Symmetrical wide beam |
| 911401613404 | BVP131 LED8/CW 10W 100-240V WB | Symmetrical wide beam |
| 911401613504 | BVP132 LED16/WW 20W 100-240V WB | Symmetrical wide beam |
| 911401613704 | BVP132 LED16/CW 20W 100-240V WB | Symmetrical wide beam |
| 911401613804 | BVP133 LED24/WW 30W 100-240V WB | Symmetrical wide beam |
| 911401614004 | BVP133 LED24/CW 30W 100-240V WB | Symmetrical wide beam |
| 911401614104 | BVP135 LED40/WW 50W 100-240V WB | Symmetrical wide beam |

| Order Code | Full Product Name | Optic type |
|---|---|---|
| 911401614304 | BVP135 LED40/CW 50W 100-240V WB | Symmetrical wide beam |
| 911401712482 | BVP137 LED56/WW 70W 220-240V WB CQC | Symmetrical wide beam |
| 911401712492 | BVP137 LED56/NW 70W 220-240V WB CQC | Symmetrical wide beam |
| 911401712502 | BVP137 LED56/CW 70W 220-240V WB CQC | Symmetrical wide beam |
| 911401858798 | BVP131 LED8/WW 10W 220-240V WB | - |
| 911401858898 | BVP131 LED8/NW 10W 220-240V WB | - |
| 911401858998 | BVP131 LED8/CW 10W 220-240V WB | - |
| 911401859098 | BVP132 LED16/WW 20W 220-240V WB | - |
| 911401859198 | BVP132 LED16/NW 20W 220-240V WB | - |
| 911401859298 | BVP132 LED16/CW 20W 220-240V WB | - |
| 911401859398 | BVP133 LED24/WW 30W 220-240V WB | - |
| 911401859498 | BVP133 LED24/NW 30W 220-240V WB | - |
| 911401859598 | BVP133 LED24/CW 30W 220-240V WB | - |
| 911401859698 | BVP135 LED40/WW 50W 220-240V WB | - |
| 911401859798 | BVP135 LED40/NW 50W 220-240V WB | - |
| 911401859898 | BVP135 LED40/CW 50W 220-240V WB | - |
| 911401859998 | BVP137 LED56/WW 70W 220-240V WB | Symmetrical wide beam |
| 911401860098 | BVP137 LED56/NW 70W 220-240V WB | Symmetrical wide beam |
| 911401860198 | BVP137 LED56/CW 70W 220-240V WB | Symmetrical wide beam |

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|---|---|---|---|
| 911401612004 | BVP131 LED8/WW 10W 220-240V WB CQC | 3000 K | 800 lm |
| 911401612104 | BVP131 LED8/NW 10W 220-240V WB CQC | 4000 K | 800 lm |
| 911401612204 | BVP131 LED8/CW 10W 220-240V WB CQC | 6500 K | 800 lm |
| 911401612304 | BVP132 LED16/WW 20W 220-240V WB CQC | 3000 K | 1600 lm |
| 911401612404 | BVP132 LED16/NW 20W 220-240V WB CQC | 4000 K | 1600 lm |
| 911401612504 | BVP132 LED16/CW 20W 220-240V WB CQC | 6500 K | 1600 lm |
| 911401612604 | BVP133 LED24/WW 30W 220-240V WB CQC | 3000 K | 2400 lm |
| 911401612704 | BVP133 LED24/NW 30W 220-240V WB CQC | 4000 K | 2400 lm |
| 911401612804 | BVP133 LED24/CW 30W 220-240V WB CQC | 6500 K | 2400 lm |
| 911401612904 | BVP135 LED40/WW 50W 220-240V WB CQC | 3000 K | 4000 lm |

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|---|---|---|---|
| 911401613004 | BVP135 LED40/NW 50W 220-240V WB CQC | 4000 K | 4000 lm |
| 911401613104 | BVP135 LED40/CW 50W 220-240V WB CQC | 6500 K | 4000 lm |
| 911401613204 | BVP131 LED8/WW 10W 100-240V WB | 3000 K | 800 lm |
| 911401613404 | BVP131 LED8/CW 10W 100-240V WB | 6500 K | 800 lm |
| 911401613504 | BVP132 LED16/WW 20W 100-240V WB | 3000 K | 1600 lm |
| 911401613704 | BVP132 LED16/CW 20W 100-240V WB | 6500 K | 1600 lm |
| 911401613804 | BVP133 LED24/WW 30W 100-240V WB | 3000 K | 2400 lm |
| 911401614004 | BVP133 LED24/CW 30W 100-240V WB | 6500 K | 2400 lm |
| 911401614104 | BVP135 LED40/WW 50W 100-240V WB | 3000 K | 4000 lm |
| 911401614304 | BVP135 LED40/CW 50W 100-240V WB | 6500 K | 4000 lm |

# Essential SmartBright G2 LED Floodlight

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|---|---|---|---|
| 911401712482 | BVP137 LED56/WW 70W 220-240V WB CQC | 3000 K | 5600 lm |
| 911401712492 | BVP137 LED56/NW 70W 220-240V WB CQC | 4000 K | 5600 lm |
| 911401712502 | BVP137 LED56/CW 70W 220-240V WB CQC | 6500 K | 5600 lm |
| 911401858798 | BVP131 LED8/WW 10W 220-240V WB | 3000 K | 800 lm |
| 911401858898 | BVP131 LED8/NW 10W 220-240V WB | 4000 K | 800 lm |
| 911401858998 | BVP131 LED8/CW 10W 220-240V WB | 6500 K | 800 lm |
| 911401859098 | BVP132 LED16/WW 20W 220-240V WB | 3000 K | 1600 lm |
| 911401859198 | BVP132 LED16/NW 20W 220-240V WB | 4000 K | 1600 lm |
| 911401859298 | BVP132 LED16/CW 20W 220-240V WB | 6500 K | 1600 lm |

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|---|---|---|---|
| 911401859398 | BVP133 LED24/WW 30W 220-240V WB | 3000 K | 2400 lm |
| 911401859498 | BVP133 LED24/NW 30W 220-240V WB | 4000 K | 2400 lm |
| 911401859598 | BVP133 LED24/CW 30W 220-240V WB | 6500 K | 2400 lm |
| 911401859698 | BVP135 LED40/WW 50W 220-240V WB | 3000 K | 4000 lm |
| 911401859798 | BVP135 LED40/NW 50W 220-240V WB | 4000 K | 4000 lm |
| 911401859898 | BVP135 LED40/CW 50W 220-240V WB | 6500 K | 4000 lm |
| 911401859998 | BVP137 LED56/WW 70W 220-240V WB | 3000 K | 5600 lm |
| 911401860098 | BVP137 LED56/NW 70W 220-240V WB | 4000 K | 5600 lm |
| 911401860198 | BVP137 LED56/CW 70W 220-240V WB | 6500 K | 5600 lm |

## Light Technical

| Order Code | Full Product Name | Standard tilt angle side entry | Standard tilt angle posttop |
|---|---|---|---|
| 911401612004 | BVP131 LED8/WW 10W 220-240V WB CQC | - | - |
| 911401612104 | BVP131 LED8/NW 10W 220-240V WB CQC | - | - |
| 911401612204 | BVP131 LED8/CW 10W 220-240V WB CQC | - | - |
| 911401612304 | BVP132 LED16/WW 20W 220-240V WB CQC | - | - |
| 911401612404 | BVP132 LED16/NW 20W 220-240V WB CQC | - | - |
| 911401612504 | BVP132 LED16/CW 20W 220-240V WB CQC | - | - |
| 911401612604 | BVP133 LED24/WW 30W 220-240V WB CQC | - | - |
| 911401612704 | BVP133 LED24/NW 30W 220-240V WB CQC | - | - |
| 911401612804 | BVP133 LED24/CW 30W 220-240V WB CQC | - | - |
| 911401612904 | BVP135 LED40/WW 50W 220-240V WB CQC | - | - |
| 911401613004 | BVP135 LED40/NW 50W 220-240V WB CQC | - | - |
| 911401613104 | BVP135 LED40/CW 50W 220-240V WB CQC | - | - |
| 911401613204 | BVP131 LED8/WW 10W 100-240V WB | - | - |
| 911401613404 | BVP131 LED8/CW 10W 100-240V WB | - | - |
| 911401613504 | BVP132 LED16/WW 20W 100-240V WB | - | - |

| Order Code | Full Product Name | Standard tilt angle side entry | Standard tilt angle posttop |
|---|---|---|---|
| 911401613704 | BVP132 LED16/CW 20W 100-240V WB | - | - |
| 911401613804 | BVP133 LED24/WW 30W 100-240V WB | - | - |
| 911401614004 | BVP133 LED24/CW 30W 100-240V WB | - | - |
| 911401614104 | BVP135 LED40/WW 50W 100-240V WB | - | - |
| 911401614304 | BVP135 LED40/CW 50W 100-240V WB | - | - |
| 911401712482 | BVP137 LED56/WW 70W 220-240V WB CQC | - | - |
| 911401712492 | BVP137 LED56/NW 70W 220-240V WB CQC | - | - |
| 911401712502 | BVP137 LED56/CW 70W 220-240V WB CQC | - | - |
| 911401858798 | BVP131 LED8/WW 10W 220-240V WB | - | - |
| 911401858898 | BVP131 LED8/NW 10W 220-240V WB | - | - |
| 911401858998 | BVP131 LED8/CW 10W 220-240V WB | - | - |
| 911401859098 | BVP132 LED16/WW 20W 220-240V WB | - | - |
| 911401859198 | BVP132 LED16/NW 20W 220-240V WB | - | - |
| 911401859298 | BVP132 LED16/CW 20W 220-240V WB | - | - |
| 911401859398 | BVP133 LED24/WW 30W 220-240V WB | - | - |
| 911401859498 | BVP133 LED24/NW 30W 220-240V WB | - | - |
| 911401859598 | BVP133 LED24/CW 30W 220-240V WB | - | - |
| 911401859698 | BVP135 LED40/WW 50W 220-240V WB | - | - |
| 911401859798 | BVP135 LED40/NW 50W 220-240V WB | - | - |
| 911401859898 | BVP135 LED40/CW 50W 220-240V WB | - | - |
| 911401859998 | BVP137 LED56/WW 70W 220-240V WB | - | - |
| 911401860098 | BVP137 LED56/NW 70W 220-240V WB | - | - |
| 911401860198 | BVP137 LED56/CW 70W 220-240V WB | - | - |

# Essential SmartBright G2 LED Floodlight

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www.lighting.philips.com
2019, November 15 - data subject to change