



Ledinaire floodlights gen3

BVP164 LED60/840 PSU 50W SWB CE

Ledinaire floodlights gen3, 50 W, 6000 lm, 4000 K, CRI80, Symmetrical wide beam, IP65

This Ledinaire floodlights range contains a selection of popular off-the-shelf LED luminaires that comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

| General Information | | | |
|---------------------------|-----------------------------------|---|-----------------------|
| Lamp family code | - | Standard tilt angle posttop | - |
| Light source replaceable | No | Standard tilt angle side entry | - |
| Number of gear units | 1 unit | Correlated Color Temperature (Nom) | 4000 K |
| Driver included | Yes | Luminous Efficacy (rated) (Nom) | 120 lm/W |
| Light source engine type | LED | Color rendering index (CRI) | >80 |
| Service tag | No | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Lighting Technology | LED | Stroboscopic effect visibility measure (SVM) | 5 |
| CE mark | Yes | Light source color | 840 neutral white |
| Warranty period | 3 years | Optical cover type | Glass |
| Flammability mark | - | Luminaire light beam spread | 110° x 110° |
| ENEC mark | - | Optic type outdoor | Symmetrical wide beam |
| Glow-wire test | Temperature 650 °C, duration 30 s | | |
| EU RoHS compliant | Yes | Operating and Electrical | |
| | | Input Voltage | 220 to 240 V |
| | | Line Frequency | 50 or 60 Hz |
| | | Initial CLO power consumption | - W |
| | | Average CLO power consumption | 50 W |
| Light Technical | | | |
| Upward light output ratio | 0 | | |
| Luminous Flux | 6,000 lm | | |

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|--|--------------------------|
| End CLO power consumption | - W |
| Inrush current | 1.68 A |
| Inrush time | 0.0082 ms |
| Power Consumption | 50 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |
| Cable | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 44 |

Temperature

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

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|-------------------------------------|-----------------------------|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover material | Tempered glass |
| Fixation material | Steel |
| Housing Color | Gray |
| Mounting device | Mounting bracket adjustable |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 173 mm |
| Overall width | 232 mm |
| Overall height | 26.1 mm |
| Effective projected area | 0.028 m ² |
| Dimensions (Height x Width x Depth) | 26 x 232 x 173 mm |

Approval and Application

| | |
|------------------------------|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |

| | |
|--|--|
| Surge Protection (Common/Differential) | Luminaire surge protection level until 2 kV differential mode and 2 kV common mode |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |

Initial Performance (IEC Compliant)

| | |
|---------------------------------------|------------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.380, 0.380) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

| | |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | 80 |

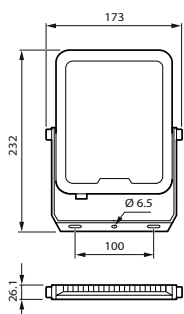
Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

Product Data

| | |
|---------------------------------|---------------------------------|
| Order product name | BVP164 LED60/840 PSU 50W SWB CE |
| Full product name | BVP164 LED60/840 PSU 50W SWB CE |
| Full product code | 871951453353099 |
| Order code | 911401854483 |
| Material Nr. (12NC) | 911401854483 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514533530 |
| Numerator - Packs per outer box | 16 |
| EAN/UPC - Case | 8719514533776 |

Dimensional drawing



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