PHILIPS Lighting



Ledinaire floodlights gen3

BVP164 LED24/840 PSU 20W SWB CE

Ledinaire floodlights gen3, 20 W, 2400 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 | - |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service tag | No |
| Lighting Technology | LED |
| CE mark | Yes |
| | |
| Warranty period | 3 years |
| Warranty period Flammability mark | - |
| | 3 years |
| Flammability mark | 3 years - - Temperature 650 °C, duration 30 s |
| Flammability mark ENEC mark | - |
| Flammability mark ENEC mark Glow-wire test | - - Temperature 650 °C, duration 30 s |
| Flammability mark ENEC mark Glow-wire test | - - Temperature 650 °C, duration 30 s |
| Flammability mark ENEC mark Glow-wire test EU RoHS compliant | - - Temperature 650 °C, duration 30 s |
| Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical | - - Temperature 650 °C, duration 30 s Yes |

| Standard tilt angle posttop | - |
|------------------------------------|-----------------------|
| Standard tilt angle side entry | - |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 120 lm/W |
| Color rendering index (CRI) | >80 |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect value (SVM) | 5 |
| Light source color | 840 neutral white |
| Optical cover type | Glass |
| Luminaire light beam spread | 110° x 110° |
| Optic type outdoor | Symmetrical wide beam |
| | |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | 20 W |
| End CLO power consumption | - W |
| | |

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| Inrush current | 1.1 A |
|--|-----------------------------|
| Inrush time | 0.0074 ms |
| Power Consumption | 20 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 | 109 |
| | |
| 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 | 97 mm |
| Overall width | 130 mm |
| Overall height | 25.5 mm |
| Effective projected area | 0.008 m² |
| Dimensions (Height x Width x Depth) | 26 x 130 x 97 mm |

| 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 | 5 % |
| 50000 h | |
| Lumen maintenance at median useful life* | 80 |
| 50000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 ℃ |
| Maximum dim level | Not applicable |
| | |
| Product Data | |
| Order product name | BVP164 LED24/840 PSU 20W SWB CE |
| Full product name | BVP164 LED24/840 PSU 20W SWB CE |
| Full product code | 871951453355499 |
| Order code | 911401852483 |
| Material Nr. (12NC) | 911401852483 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514533554 |
| Numerator - Packs per outer box | 24 |
| EAN/UPC - Case | 8719514533790 |
| | |

Approval and Application

| Approvat 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 |
| | |

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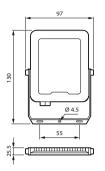
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Dimensional drawing





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