PHILIPS Lighting



Ledinaire floodlights gen3

BVP164 LED24/840 PSU 20W SWB MDU CE

Ledinaire floodlights gen3, 20 W, 2400 lm, 4000 K, CRI80, Symmetrical wide beam, MDU1, 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 |
| Embedded control | Movement and light sensor (On/Off) |
| CE mark | Yes |
| Warranty period | 3 years |
| Flammability mark | - |
| ENEC mark | - |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| | |

| Luminous Flux | 2,400 lm |
|------------------------------------------------|-----------------------|
| 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) - Flickering value as | 1 |
| per EN 61000-3-3 | |
| Stroboscopic effect visibility measure (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 |
| | |

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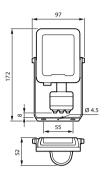
| Average CLO power consumption | 20 W |
|------------------------------------------|----------------------------------------|
| End CLO power consumption | - W |
| Inrush current | 1.1 A |
| Inrush time | 0.0074 ms |
| Power Consumption | 20 W |
| Power Factor (Fraction) | 0.8 |
| Connection | Flying leads/wires |
| Cable | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 96 |
| | |
| Temperature | |
| Ambient temperature range | -20 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 | 172 mm |
| Overall height | 52 mm |
| Effective projected area | 0.008 m² |
| Dimensions (Height x Width x Depth) | 52 x 172 x 97 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet- |
| | proof] |

| 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 MDU |
| | CE |
| Full product name | BVP164 LED24/840 PSU 20W SWB MDU |
| | CE |
| Full product code | 871951453479799 |
| Order code | 911401884083 |
| Material Nr. (12NC) | 911401884083 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514534797 |
| Numerator - Packs per outer box | 24 |
| EAN/UPC - Case | 8719514534896 |
| | |

| 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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Dimensional drawing





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