



Ledinaire All-in floodlights

BVP167 LED24/830 40 65 PSU 20W SWB

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4000 K, 6500 K, CRI80, Symmetrical, IP65

With this Ledinaire all-in floodlights range, you can easily adjust the color temperature by a simple switch. No need to choose between warm white, neutral white or cool white anymore, you get all this in one single product! The range 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 | LED24S [LED module, system flux 2400 |
| | lm] |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED system in flux |
| Value ladder | Value |
| Warranty period | 5 years |
| Sustainability rating | - |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 2,200 2,400 lm |
| Correlated Color Temperature (Nom) | 3000 4000 6500 K |
| Luminous Efficacy (rated) (Nom) | 120 110 lm/W |
| Color rendering index (CRI) | >80 |
| | |

| Light source color | 830 warm white and 865 cool daylight |
|-----------------------------|--------------------------------------|
| Optic type | Symmetric 110° |
| Luminaire light beam spread | 110° |
| Optic type outdoor | Symmetrical |
| All-in Type | All-in, Multi Color Temperature |
| Effective projected area | 0.008938 m² |
| | |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| 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 |

Datasheet, 2025, January 10 data subject to change

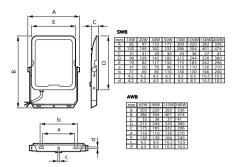
Ledinaire All-in floodlights

| Number of markets on MCD of 1C A time D | 100 |
|--|---|
| Number of products on MCB of 16 A type B | 109 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 1.5 k\ |
| | differential mode and 1.5 kV common |
| | mode |
| Total harmonic distortion | 20 % |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Driver integrated on LED board (DoB) |
| Constant light output | No |
| Embedded control | - |
| Photocell | _ |
| - Hotoccu | |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover material | Tempered glass |
| Fixation material | Steel |
| Housing Color | Grey |
| Mounting device | Via U Shaped Bracket, Aiming Scale Angle, |
| | Universal Installation |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 149 mm |
| Overall width | 97 mm |
| Overall height | 31 mm |
| Dimensions (Height x Width x Depth) | 31 x 97 x 149 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet- |
| | proof] |
| Mech. impact protection code | IK07 [2 J reinforced] |
| Standard tilt angle posttop | 27° |
| Standard tilt angle side entry | - |
| Optical cover type | Glass |
| Net Weight (Piece) | 0.290 kg |
| Emergency Operation | |
| Central Emergency | No |
| Contract Lineigency | |
| Approval and Application | |
| Glow-wire test | Temperature 650 °C, duration 30 s |

| Elammahility mark | For mounting on normally flammable |
|---|---|
| Flammability mark | For mounting on normally flammable surfaces |
| CF words | |
| CE mark | Yes |
| ENEC mark | |
| Photobiological risk | Photobiological risk group 1 @200mm to |
| | EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 ℃ |
| Flickering value (PstLM) - Flickering value | 1 |
| as per EN 61000-3-3 | |
| Ambient temperature range | -25 to +40 °C |
| | |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.440,0.403); (0.369,0.364); (0.313,0.337) |
| | SDCM<5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | -2 |
| Standard Deviation of Colour Matching | SDCM≤5 |
| (McAdam ellipse) | |
| | |
| Over Time Performance (IEC Complia | nt) |
| Control gear failure rate at median useful | 7.5 % |
| life 50000 h | |
| Lumen maintenance at median useful life* | L80 |
| 50000 h | |
| | |
| Product Data | |
| Order product name | BVP167 LED24/830_40_65 PSU 20W SWB |
| Full product name | BVP167 LED24/830_40_65 PSU 20W SWB |
| Full product code | 872016973602399 |
| Order code | 911401872386 |
| Material Nr. (12NC) | 911401872386 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169736023 |
| Numerator - Packs per outer box | 24 |
| EAN/UPC - Case | 8720169736214 |
| | 5,25,05,30214 |

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Dimensional drawing





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