



Ledinaire All-in floodlights

BVP169 LED120/830_40_65 DOB 90W SWB PH

Ledinaire All-in floodlights, 90 W, 10000 lm, 10500 lm, 3000 K, 4000 K, 6500 K, Symmetrical

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 these 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 | | Colour rendering index (CRI) | |
|----------------------------------|--|------------------------------|--------------------------------------|
| Lamp family code | LED120S [LED module, system flux 12000 lm] | Colour rendering index (CRI) | 80 |
| Number of gear units | Unit | Light source colour | 830 warm white and 865 cool daylight |
| Driver included | Yes | Optic type | Symmetric 110° |
| Photocell | Photocell included | Optical cover type | Glass |
| Light source engine type | LED system in flux | Luminaire light beam spread | 110° |
| Value ladder | Value | Optic type outdoor | Symmetrical |
| | | All-in Type | All-in, Multi Color Temperature |
| Light Technical | | Operating and Electrical | |
| Upwards light output ratio | 0 | Input Voltage | 220-240 V |
| Luminous Flux | 10,000 10,500 lm | Line Frequency | 50 or 60 Hz |
| Standard tilt angle post-top | 27° | Inrush current | 7.6 A |
| Standard tilt angle side entry | - | Inrush time | 0.01385 ms |
| Luminous efficacy (rated) (nom.) | 120 110 lm/W | Power Consumption | 90 W |
| Correlated Colour Temperature | 3000 4000 6500 K | Power Factor (Fraction) | 0.95 |
| | | Connection | Flying leads/cables |

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|--|--|
| Cable | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 22 |
| Temperature | |
| Ambient temperature range | -25 to +40 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Driver integrated on LED board (DoB) |
| Constant light output | No |
| Mechanical and Housing | |
| Housing material | Aluminium die cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover/lens material | Tempered glass |
| Fixation material | Steel |
| Housing Colour | RAL 7043 |
| Mounting device | Via U Shaped Bracket, Aiming Scale Angle, Universal Installation |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 304 mm |
| Overall width | 220 mm |
| Overall height | 36 mm |
| Effective projected area | 0.04514 m ² |
| Dimensions (height x width x depth) | 36 x 220 x 304 mm |
| Approval and Application | |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | 1.5/1.5 kV |
| Sustainability rating | - |
| Protection class IEC | Safety class I |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | CE mark |

| | |
|--|---|
| ENEC mark | - |
| Warranty period | 3 years |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| 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 |
| Over Time Performance (IEC Compliant) | |
| Control gear failure rate at median useful life 50,000 h | 7.5 % |
| Lumen maintenance at median useful life* 50,000 h | 80 |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Not applicable |
| Product Data | |
| Order product name | BVP169 LED120/830_40_65 DOB 90W SWB PH |
| Full product name | BVP169 LED120/830_40_65 DOB 90W SWB PH |
| Full EOC | 872016973646799 |
| Order code | 73646799 |
| Material no. (12 NC) | 911401876586 |
| SAP numerator – quantity per pack | 1 |
| Net Weight (Piece) | 1.880 kg |
| EAN/UPC – Product/Case | 8720169736467 |
| Numerator – packs per outer box | 6 |
| EAN/UPC - Case | 8720169736542 |

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Dimensional drawing

