



Ledinaire All-in floodlights

BVP169 LED120/830_40_65 DOB 100W SWB

Ledinaire All-in floodlights, 100 W, 11000 lm, 12000 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 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 | LED120S [LED module, system flux 12000 |
| | lm] |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Photocell | - |
| Light source engine type | LED system in flux |
| Value ladder | Value |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 11,000 12,000 lm |
| Standard tilt angle posttop | 27° |
| Standard tilt angle side entry | - |
| Luminous Efficacy (rated) (Nom) | 120 110 lm/W |
| Correlated Color Temperature (Nom) | 3000 4000 6500 K |

| Color rendering index (CRI) | 80 |
|-----------------------------|--------------------------------------|
| Light source color | 830 warm white and 865 cool daylight |
| Optic type | Symmetric 110º |
| Optical cover type | Glass |
| Luminaire light beam spread | 110° |
| Optic type outdoor | Symmetrical |
| All-in Type | All-in, Multi Color Temperature |
| | |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 3.84 A |
| Inrush time | 0.0244 ms |
| Power Consumption | 100 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |
| | |

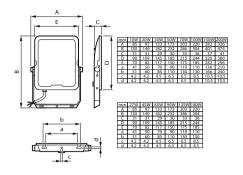
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| Cable | Cable 1.0 m without plug |
|--|--|
| Number of products on MCB of 16 A type B | 21 |
| Townsenting | |
| Temperature | 25.1 40.00 |
| Ambient temperature range | -25 to +40 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Driver integrated on LED board (DoB) |
| Constant light output | No |
| | |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover material | Tempered glass |
| Fixation material | Steel |
| Housing Color | RAL 7043 |
| Mounting device | Via U Shaped Bracket, Aiming Scale Angle |
| | Universal Installation |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 304 mm |
| Overall width | 220 mm |
| Overall height | 36 mm |
| Effective projected area | 0.04514 m² |
| 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 Complia | nt) |
| Control gear failure rate at median useful | 7.5 % |
| life E0000 h | |
| life 50000 h | |
| Lumen maintenance at median useful life* | 80 |
| | 80 |
| Lumen maintenance at median useful life* | 80 |
| Lumen maintenance at median useful life* | 80 |
| Lumen maintenance at median useful life* 50000 h | 80 25 °C |
| Lumen maintenance at median useful life* 50000 h Application Conditions | |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq | 25 °C |
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| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching | 25 °C |
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| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | 25 °C Not applicable 25 °C Not applicable 8VP169 LED120/830_40_65 DOB 100W SWB 8VP169 LED120/830_40_65 DOB 100W SWB 872016973606199 911401876386 911401876386 |
| Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack Net Weight (Piece) | 25 °C Not applicable BVP169 LED120/830_40_65 DOB 100W SWB BVP169 LED120/830_40_65 DOB 100W SWB 872016973606199 911401876386 911401876386 1 |
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Dimensional drawing





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