



Ledinaire All-in floodlights

BVP169 LED240/830_40_65 PSU 180W SWB PH

Ledinaire All-in floodlights, 180 W, 22000 lm, 24000 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 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 | |
|-------------------------------------|---|
| Lamp family code | LED240S [LED module, system flux 24000 lm] |
| Number of gear units | Unit |
| Driver included | Yes |
| Light source engine type | LED system in flux |
| Value ladder | Value |
| Serviceability class | Class C, luminaire without serviceable parts, not serviceable |
| Warranty period | 3 years |
| Sustainability rating | - |
| Light Technical | |
| Upwards light output ratio | 0 |
| Luminous Flux | 22,000 24,000 lm |
| Correlated Colour Temperature (Nom) | 3000 4000 6500 K |

| Luminous efficacy (rated) (nom.) | 130 120 lm/W |
|----------------------------------|--------------------------------------|
| Colour rendering index (CRI) | >80 |
| Light source colour | 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 | 0.11248 m² |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 8.0 A |
| Inrush time | 0.01520 ms |
| Power Consumption | 180 W |
| Power Factor (Fraction) | 0.95 |

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|---|--|
| Connection | Flying leads/cables |
| Cable | Cable 2.0 m without plug |
| Number of products on MCB (16 A type B) | 11 |
| Suitable for random switching | Not applicable |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Luminaire surge protection level up to 1.5 kV differential mode and 1.5 kV common mode |
| Total harmonic distortion | 20 % |

Controls and Dimming

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|-------------------------------|--------------------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Driver integrated on LED board (DoB) |
| Constant light output | No |
| Photocell | Photocell included |

Mechanical and Housing

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|-------------------------------------|--|
| Housing material | Aluminium die cast |
| Reflector material | Polycarbonate |
| Optic material | Glass |
| Optical cover/lens material | Tempered glass |
| Fixation material | Steel |
| Housing Colour | Grey |
| Mounting device | Via U Shaped Bracket, Aiming Scale Angle, Universal Installation |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 474 mm |
| Overall width | 336 mm |
| Overall height | 41 mm |
| Dimensions (height x width x depth) | 41 x 336 x 474 mm |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Standard tilt angle post-top | 27° |
| Standard tilt angle side entry | - |
| Optical cover type | Glass |
| Net Weight (Piece) | 4.230 kg |

Emergency Operation

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|-------------------|----|
| Central Emergency | No |
|-------------------|----|

Approval and Application

| | |
|----------------|-----------------------------------|
| Glow-wire test | Temperature 650 °C, duration 30 s |
|----------------|-----------------------------------|

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|------------------------------------|--|
| Flammability mark | For mounting on normally flammable surfaces |
| 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 °C |
| Flickering value (PstLM) | 1 |
| Ambient temperature range | -25 to +40 °C |

Initial Performance (IEC Compliant)

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|--|--|
| 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 (McAdam ellipse) | SDCM≤5 |

Over Time Performance (IEC Compliant)

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|---|-------|
| Control gear failure rate at median useful life 50,000 h | 7.5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L80 |

Product Data

| | |
|---------------------------------|---|
| Order product name | BVP169 LED240/830_40_65 PSU 180W SWB PH |
| Full product name | BVP169 LED240/830_40_65 PSU 180W SWB PH |
| Full EOC | 872016973644399 |
| Order code | 73644399 |
| Material no. (12 NC) | 911401878586 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8720169736443 |
| Numerator – packs per outer box | 4 |
| EAN/UPC – Case | 8720169736528 |

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Dimensional drawing

