![Philips Lighting logo]

# 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 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 | LED120S [LED module, system flux 12000 lm] |
| Number of gear units | Unit |
| Driver included | Yes |
| Photocell | – |
| Light source engine type | LED system in flux |
| Value ladder | Value |

### Light Technical

| | |
|---|---|
| Upwards light output ratio | 0 |
| Luminous Flux | 11,000 12,000 lm |
| Standard tilt angle post-top | 27° |
| Standard tilt angle side entry | – |
| Luminous efficacy (rated) (nom.) | 120 110 lm/W |
| Correlated Colour Temperature | 3000 4000 6500 K |

| | |
|---|---|
| Colour rendering index (CRI) | 80 |
| Light source colour | 830 warm white and 865 cool daylight |
| Optic type | Symmetric 110° |
| 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/cables |

# Ledinaire All-in floodlights

| | |
|---|---|
| Cable | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 21 |

## 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 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 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 100W SWB |
| Full product name | BVP169 LED120/830_40_65 DOB 100W SWB |
| Full EOC | 872016973606199 |
| Order code | 911401876386 |
| Material no. (12 NC) | 911401876386 |
| SAP numerator – quantity per pack | 1 |
| Net Weight (Piece) | 1.920 kg |
| EAN/UPC — Product/Case | 8720169736061 |
| Numerator – packs per outer box | 6 |
| EAN/UPC – Case | 8720169736252 |

# Ledinaire All-in floodlights

## Dimensional drawing



| mm | 10W | 20W | 30W | 50W | 70W | 100W | 150W | 200W |
|---|---|---|---|---|---|---|---|---|
| A | 85 | 97 | 133 | 173 | 203 | 220 | 282 | 336 |
| B | 130 | 149 | 182 | 232 | 286 | 304 | 401 | 474 |
| C | 31 | 31 | 29 | 30 | 33 | 36 | 37 | 41 |
| D | 90 | 109 | 145 | 185 | 215 | 244 | 320 | 380 |
| E | 70 | 82 | 117 | 150 | 175 | 185 | 242 | 296 |
| a | 41 | 50 | 70 | 90 | 110 | 110 | 136 | 210 |
| b | 51 | 60 | 85 | 110 | 130 | 130 | 166 | 240 |
| c | 4.2 | 4.2 | 4.5 | 6.5 | 6.5 | 8.5 | 10.5 | 10.5 |
| d | 4.2 | 4.2 | 4.5 | 6.5 | 6.5 | 8.5 | 10.5 | 10.5 |

| mm | 27W | 45W | 65W | 90W | 135W | 180W |
|---|---|---|---|---|---|---|
| A | 85 | 97 | 133 | 173 | 203 | 220 |
| B | 130 | 149 | 182 | 232 | 286 | 304 |
| C | 31 | 31 | 29 | 30 | 33 | 36 |
| D | 90 | 109 | 145 | 185 | 215 | 244 |
| E | 70 | 82 | 117 | 150 | 175 | 185 |
| a | 41 | 50 | 70 | 90 | 110 | 110 |
| b | 51 | 60 | 85 | 110 | 130 | 130 |
| c | 4.2 | 4.2 | 4.5 | 6.5 | 6.5 | 8.5 |
| d | 4.2 | 4.2 | 4.5 | 6.5 | 6.5 | 8.5 |