



# Ledinaire All-in floodlights

## BVP169 LED120/830\_40\_65 PSU 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                                      |
| Embedded control                | -                                          |
| 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) | 110 120 lm/W                               |

| Correlated Color Temperature (Nom)                              | 3000 4000 6500 K                     |
|-----------------------------------------------------------------|--------------------------------------|
| Color rendering index (CRI)                                     | >80                                  |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1                                    |
| Light source color                                              | 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      |
| Total harmonic distortion                                       | 20 %                                 |
| Operating and Electrical                                        |                                      |
| Input Voltage                                                   | 220-240 V                            |
| Line Frequency                                                  | 50 or 60 Hz                          |
| Inrush current                                                  | 3.84 A                               |

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|                                          |                          |
|------------------------------------------|--------------------------|
| Inrush time                              | 0.0244 ms                |
| Power Consumption                        | 100 W                    |
| Power Factor (Fraction)                  | 0.95                     |
| Connection                               | Flying leads/wires       |
| Cable                                    | Cable 2.0 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                    | 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                      | 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                                                |

Emergency Operation

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

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                    | 5 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                                                 |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM<5                                             |

Over Time Performance (IEC Compliant)

|                                                         |       |
|---------------------------------------------------------|-------|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 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 PSU 100W SWB |
| Full product name               | BVP169 LED120/830_40_65 PSU 100W SWB |
| Full product code               | 872016973606199                      |
| Order code                      | 911401876386                         |
| Material Nr. (12NC)             | 911401876386                         |
| 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                        |

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Dimensional drawing

