



# Ledinaire All-in floodlights

## BVP167 LED12/830\_40\_65 PSU 10W SWB MDU

Ledinaire All-in floodlights, 10 W, 1100 lm, 1200 lm, 3000 K, 4000 K, 6500 K, CRI80, Sensor-based on/off, Symmetrical, MDU1, 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 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          | LED12S [LED module, system flux 1200 lm]                      |
| Number of gear units      | 1 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           |   |
| Upward light output ratio | 0   |
| Luminous Flux             | 1,100 1,200 lm  |

| Correlated Color Temperature (Nom) | 3000 4000 6500 K                     |
|------------------------------------|--------------------------------------|
| Luminous Efficacy (rated) (Nom)    | 120 110 lm/W                         |
| Color rendering index (CRI)        | >80                                  |
| Light source color                 | 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           | 0.006300000000000001 m²              |
| Operating and Electrical           |                                      |
| Input Voltage                      | 220-240 V                            |
| Line Frequency                     | 50 or 60 Hz                          |
| Inrush current                     | 0.78 A                               |

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|  |  |
|--|--|
| Inrush time                              | 0.00648 ms   |
| Power Consumption                        | 10 W   |
| Power Factor (Fraction)                  | 0.8  |
| Connection                               | Flying leads/wires   |
| Cable                                    | Cable 1.0 m without plug   |
| Number of products on MCB of 16 A type B | 218  |
| Suitable for random switching            | Not applicable   |
| Protection class IEC                     | Safety class I   |
| Surge Protection (Common/Differential)   | Surge protection level until 1.5 kV differential mode and 1.5 kV common mode |
| Total harmonic distortion                | 20 %   |

### Controls and Dimming

|                               |                                    |
|-------------------------------|------------------------------------|
| Dimmable                      | No                                 |
| Driver/power unit/transformer | Power supply unit (On/Off)         |
| Control interface             | Sensor-based on/off                |
| Constant light output         | No                                 |
| Embedded control              | Movement and light sensor (On/Off) |
| Photocell                     | Photocell included                 |

### 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                      | 162 mm   |
| Overall width                       | 85 mm  |
| Overall height                      | 56 mm  |
| Dimensions (Height x Width x Depth) | 56 x 85 x 162 mm   |
| Ingress protection code             | IP65 [Dust penetration-protected, jet-proof]                     |
| Mech. impact protection code        | IK07 [2 J reinforced]  |
| Standard tilt angle posttop         | 27°  |
| Standard tilt angle side entry      | -  |
| Optical cover type                  | Glass  |
| Net Weight (Piece)                  | 0.290 kg   |

### Emergency Operation

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

### Approval and Application

|   |  |
|---|--|
| Glow-wire test  | Temperature 650 °C, duration 30 s              |
| 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) - Flickering value as per EN 61000-3-3 | 1  |
| Ambient temperature range                                       | -25 to +40 °C                                  |

### Initial Performance (IEC Compliant)

|  |   |
|--|---|
| Luminous flux tolerance                                | +/-10%  |
| Initial chromaticity                                   | (0.440,0.403); (0.369,0.364); (0.313,0.337)<br>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 (EN-IEC 62722-2-1) at median useful life* 50000 h | L80   |

### Product Data

|                                 |  |
|---------------------------------|--|
| Order product name              | BVP167 LED12/830_40_65 PSU 10W SWB MDU |
| Full product name               | BVP167 LED12/830_40_65 PSU 10W SWB MDU |
| Full product code               | 872016973615399                        |
| Order code                      | 911401891386                           |
| Material Nr. (12NC)             | 911401891386                           |
| Numerator - Quantity Per Pack   | 1                                      |
| EAN/UPC - Product/Case          | 8720169736153                          |
| Numerator - Packs per outer box | 24                                     |
| EAN/UPC - Case                  | 8720169736344                          |

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Dimensional drawing

