



# Ledinaire All-in floodlights

## BVP167 LED24/830\_40\_65DOB 20W SWB MDU

Ledinaire All-in floodlights, 20 W, 2200 lm, 2400 lm, 3000 K, 4000 K, 6500 K, Sensor-based dim, Symmetrical, MDU1

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                |  | Color rendering index (CRI) |                                      |
|------------------------------------|--|-----------------------------|--------------------------------------|
| Lamp family code                   | LED24S [LED module, system flux 2400 lm] | Color rendering index (CRI) | 80                                   |
| Number of gear units               | 1 unit                                   | Light source color          | 830 warm white and 865 cool daylight |
| Driver included                    | Yes                                      | Optic type                  | Symmetric 110°                       |
| Photocell                          | Photocell included                       | Optical cover type          | Glass                                |
| Light source engine type           | LED system in flux                       | Luminaire light beam spread | 110°                                 |
| Value ladder                       | Value                                    | Optic type outdoor          | Symmetrical                          |
| Embedded control                   | Movement and light sensor (On/Off)       | All-in Type                 | All-in, Multi Color Temperature      |
| Light Technical                    |  | Operating and Electrical    |                                      |
| Upward light output ratio          | 0  | Input Voltage               | 220-240 V                            |
| Luminous Flux                      | 2,200 2,400 lm                           | Line Frequency              | 50 or 60 Hz                          |
| Standard tilt angle posttop        | 27°                                      | Inrush current              | 1.1 A                                |
| Standard tilt angle side entry     | -  | Inrush time                 | 0.0074 ms                            |
| Luminous Efficacy (rated) (Nom)    | 120 110 lm/W                             | Power Consumption           | 20 W                                 |
| Correlated Color Temperature (Nom) | 3000 4000 6500 K                         | Power Factor (Fraction)     | 0.8                                  |
|                                    |  | 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 | 109                      |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -25 to +40 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                                      |
|-------------------------------|--------------------------------------|
| Dimmable                      | No                                   |
| Driver/power unit/transformer | Driver integrated on LED board (DoB) |
| Control interface             | Sensor-based dim                     |
| 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,<br>Universal Installation |
| Optical cover shape                 | Flat  |
| Optical cover finish                | Clear   |
| Overall length                      | 181 mm  |
| Overall width                       | 97 mm   |
| Overall height                      | 56 mm   |
| Effective projected area            | 0.008938 m²   |
| Dimensions (Height x Width x Depth) | 56 x 97 x 181 mm  |

### Approval and Application

|  |  |
|--|--|
| Ingress protection code                | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK07 [2 J reinforced]                        |
| 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)<br>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 50000 h | 7.5 % |
| Lumen maintenance at median useful life* 50000 h        | 80    |

### Application Conditions

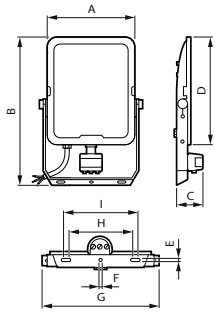
|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Suitable for random switching      | Not applicable |

### Product Data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | BVP167 LED24/830_40_65DOB 20W SWB MDU |
| Full product name               | BVP167 LED24/830_40_65DOB 20W SWB MDU |
| Full product code               | 872016973616099                       |
| Order code                      | 911401892386                          |
| Material Nr. (12NC)             | 911401892386                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Net Weight (Piece)              | 0.330 kg                              |
| EAN/UPC - Product/Case          | 8720169736160                         |
| Numerator - Packs per outer box | 24                                    |
| EAN/UPC - Case                  | 8720169736351                         |

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## Dimensional drawing



| mm | 10W | 20W | 30W | 50W | 70W |
|----|-----|-----|-----|-----|-----|
| A  | 70  | 82  | 117 | 150 | 175 |
| B  | 174 | 191 | 220 | 255 | 295 |
| C  | 58  | 58  | 58  | 58  | 70  |
| D  | 90  | 109 | 145 | 185 | 215 |
| E  | 42  | 42  | 45  | 55  | 65  |
| F  | 42  | 42  | 45  | 55  | 65  |
| G  | 85  | 97  | 133 | 173 | 203 |
| H  | 41  | 50  | 70  | 90  | 110 |
| I  | 51  | 60  | 85  | 110 | 130 |

