



# Ledinaire All-in floodlights

## BVP167 LED60/830\_40\_65DOB 50W SWB MDU

Ledinaire All-in floodlights, 50 W, 5500 lm, 6000 lm, 3000 K, 4000 K, 6500 K, Sensor-based dim, Symmetrical, MDU

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         | LED60S [LED Module, system flux 6000 lm] |
| Number of gear units     | 1 unit                                   |
| Driver included          | Yes                                      |
| Photocell                | Photocell included                       |
| Light source engine type | LED system in flux                       |
| Value ladder             | Value                                    |
| Embedded control         | Movement detection unit                  |

| Light Technical                    |                  |
|------------------------------------|------------------|
| Upward light output ratio          | 0                |
| Luminous Flux                      | 5,500 6,000 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      |

| Operating and Electrical |             |
|--------------------------|-------------|
| Input Voltage            | 220-240 V   |
| Line Frequency           | 50 or 60 Hz |
| Inrush current           | 1.68 A      |
| Inrush time              | 0.0082 ms   |
| Power Consumption        | 50 W        |

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|                                          |                                                                  |
|------------------------------------------|------------------------------------------------------------------|
| Power Factor (Fraction)                  | 0.9                                                              |
| Connection                               | Flying leads/wires                                               |
| Cable                                    | Cable 1.0 m without plug                                         |
| Number of products on MCB of 16 A type B | 43                                                               |
| 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, Universal Installation |
| Optical cover shape                      | Flat                                                             |
| Optical cover finish                     | Clear                                                            |
| Overall length                           | 264 mm                                                           |
| Overall width                            | 173 mm                                                           |
| Overall height                           | 57 mm                                                            |
| Effective projected area                 | 0.02775 m²                                                       |
| Dimensions (Height x Width x Depth)      | 57 x 173 x 264 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                                         | 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                                                 |
| 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 LED60/830_40_65DOB 50W SWB MDU              |
| Full product name                                       | BVP167 LED60/830_40_65DOB 50W SWB MDU              |
| Full product code                                       | 872016973618499                                    |
| Order code                                              | 911401894386                                       |
| Material Nr. (12NC)                                     | 911401894386                                       |
| Numerator - Quantity Per Pack                           | 1                                                  |
| Net Weight (Piece)                                      | 0.850 kg                                           |
| EAN/UPC - Product/Case                                  | 8720169736184                                      |
| Numerator - Packs per outer box                         | 16                                                 |
| EAN/UPC - Case                                          | 8720169736375                                      |

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Dimensional drawing

