



# Ledinaire floodlights gen3

## BVP164 LED11/830 PSU 10W SWB MDU CE

Ledinaire floodlights gen3, 10 W, 1100 lm, 3000 K, CRI80, Symmetrical wide beam, MDU1, IP65

This Ledinaire floodlights range contains a selection of popular off-the-shelf LED luminaires that 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           | -                                  | Standard tilt angle post-top     | -                     |
| Light source replaceable   | No                                 | Standard tilt angle side entry   | -                     |
| Number of gear units       | Unit                               | Correlated Colour Temperature    | 3000 K                |
| Driver included            | Yes                                | Luminous efficacy (rated) (nom.) | 110 lm/W              |
| Light source engine type   | LED                                | Colour rendering index (CRI)     | >80                   |
| Lighting Technology        | LED                                | Flickering value (PstLM)         | 1                     |
| Embedded control           | Movement and light sensor (On/Off) | Stroboscopic effect              | 5                     |
| CE mark                    | Yes                                | Light source colour              | 830 warm white        |
| Warranty period            | 3 years                            | Optical cover type               | Glass                 |
| Flammability mark          | -                                  | Luminaire light beam spread      | 110° x 110°           |
| ENEC mark                  | -                                  | Optic type outdoor               | Symmetrical wide beam |
| Glow-wire test             | Temperature 650 °C, duration 30 s  |                                  |                       |
| EU RoHS compliant          | Yes                                | Operating and Electrical         |                       |
|                            |                                    | Input Voltage                    | 220 to 240 V          |
|                            |                                    | Line Frequency                   | 50 or 60 Hz           |
|                            |                                    | Initial CLO power consumption    | - W                   |
|                            |                                    | Average CLO power consumption    | 10 W                  |
|                            |                                    | End CLO power consumption        | - W                   |
| Light Technical            |                                    |                                  |                       |
| Upwards light output ratio | 0                                  |                                  |                       |
| Luminous Flux              | 1,100 lm                           |                                  |                       |

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|                                          |                          |
|------------------------------------------|--------------------------|
| Inrush current                           | 0.78 A                   |
| Inrush time                              | 0.00648 ms               |
| Power Consumption                        | 10 W                     |
| Power Factor (Fraction)                  | 0.7                      |
| Connection                               | Flying leads/cables      |
| Cable                                    | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 175                      |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
|---------------------------|---------------|

### Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| 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                      | Grey                        |
| Mounting device                     | Mounting bracket adjustable |
| Optical cover/lens shape            | Flat                        |
| Optical cover/lens finish           | Clear                       |
| Overall length                      | 79 mm                       |
| Overall width                       | 155 mm                      |
| Overall height                      | 52 mm                       |
| Effective projected area            | 0.005 m <sup>2</sup>        |
| Dimensions (height x width x depth) | 52 x 155 x 79 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) | Luminaire surge protection level up to 2 kV differential mode and 2 kV common mode |

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| Sustainability rating              | -                                              |
| Protection class IEC               | Safety class I                                 |
| Photobiological risk               | Photobiological risk group 1 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m                                          |

### Initial Performance (IEC Compliant)

|                                       |                        |
|---------------------------------------|------------------------|
| Luminous flux tolerance               | +/-10%                 |
| Initial chromaticity                  | (0.440, 0.403) 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 | 5 % |
| Lumen maintenance at median useful life* 50,000 h        | 80  |

### Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |

### Product Data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Order product name                | BVP164 LED11/830 PSU 10W SWB MDU CE |
| Full product name                 | BVP164 LED11/830 PSU 10W SWB MDU CE |
| Full EOC                          | 871951453482799                     |
| Order code                        | 53482799                            |
| Material no. (12 NC)              | 911401883683                        |
| SAP numerator – quantity per pack | 1                                   |
| EAN/UPC – Product/Case            | 8719514534827                       |
| Numerator – packs per outer box   | 24                                  |
| EAN/UPC - Case                    | 8719514534926                       |

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### Dimensional drawing

