



# Ledinaire floodlight

## BVP154 LED50/830 PSU 50W VWB CE

LED module 5000 lm - 830 warm white - Power supply unit - Very wide beam angle 100°

The Ledinaire 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                         | LED50 [ LED module 5000 lm] |
| Light source color                       | 830 warm white              |
| Light source replaceable                 | No                          |
| Number of gear units                     | -                           |
| Driver/power unit/transformer            | Power supply unit           |
| Driver included                          | Yes                         |
| Optical cover/lens type                  | Clear glass                 |
| Luminaire light beam spread              | 100°                        |
| Control interface                        | -                           |
| Connection                               | Flying leads/wires          |
| Cable                                    | Cable 1.0 m without plug    |
| Protection class IEC                     | Safety class I              |
| Flammability mark                        | -                           |
| CE mark                                  | CE mark                     |
| ENEC mark                                | -                           |
| Warranty period                          | 3 years                     |
| Optic type outdoor                       | Very wide beam angle 100°   |
| Constant light output                    | No                          |
| Number of products on MCB of 16 A type B | 47                          |

|                          |     |
|--------------------------|-----|
| EU RoHS compliant        | Yes |
| Light source engine type | LED |

| Light Technical                |    |
|--------------------------------|----|
| Upward light output ratio      | 0  |
| Standard tilt angle posttop    | 0° |
| Standard tilt angle side entry | 0° |

| Operating and Electrical      |              |
|-------------------------------|--------------|
| Input Voltage                 | 220 to 240 V |
| Input Frequency               | 50 or 60 Hz  |
| Initial CLO power consumption | - W          |
| Average CLO power consumption | - W          |
| End CLO power consumption     | - W          |
| Inrush current                | 0.9 A        |
| Inrush time                   | 0.01088 ms   |
| Power Factor (Min)            | 0.9          |

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## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and Housing

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Housing Material                    | Aluminum die cast                     |
| Reflector material                  | Polycarbonate                         |
| Optic material                      | Polycarbonate                         |
| Optical cover/lens material         | Glass                                 |
| Fixation material                   | Steel                                 |
| Mounting device                     | Mounting bracket adjustable           |
| Optical cover/lens shape            | Flat                                  |
| Optical cover/lens finish           | Clear                                 |
| Overall length                      | 204 mm                                |
| Overall width                       | 39 mm                                 |
| Overall height                      | 281 mm                                |
| Effective projected area            | 0.044 m <sup>2</sup>                  |
| Color                               | Aluminum and gray                     |
| Dimensions (Height x Width x Depth) | 281 x 39 x 204 mm (11.1 x 1.5 x 8 in) |

## Approval and Application

|  |   |
|--|---|
| Ingress protection code                | IP65 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code           | IK07 [ 2 J reinforced]                        |
| Surge Protection (Common/Differential) | Surge protection level until 2 kV             |

## Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 5000 lm  |
| Luminous flux tolerance             | +/-10%   |
| Initial LED luminaire efficacy      | 100 lm/W |

|                               |         |
|-------------------------------|---------|
| Init. Corr. Color Temperature | 3000 K  |
| Init. Color Rendering Index   | 80      |
| Initial chromaticity          | <7 SDCM |
| Initial input power           | 50 W    |
| Power consumption tolerance   | +/-10%  |

## Over Time Performance (IEC Compliant)

|   |      |
|---|------|
| Control gear failure rate at median useful life | 10 % |
| 50000 h   |      |
| Lumen maintenance at median useful life*        | L70  |
| 50000 h   |      |

## Application Conditions

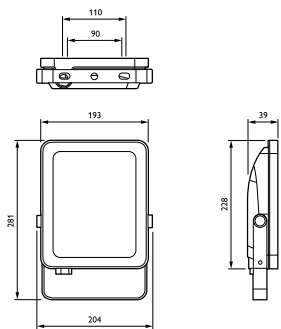
|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -25 to +40 °C  |
| Maximum dim level         | Not applicable |

## Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Full product code               | 871016332974199                 |
| Order product name              | BVP154 LED50/830 PSU 50W VWB CE |
| EAN/UPC - Product               | 8710163329741                   |
| Order code                      | 911401730462                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 6                               |
| Material Nr. (12NC)             | 911401730462                    |
| Net Weight (Piece)              | 1.280 kg                        |



## Dimensional drawing



Ledinaire floodlight BVP105/106

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