



# Ledinaire floodlights gen3

## BVP164 LED55/830 PSU 50W SWB CE

830 warm white - Symmetrical

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           |                          | Number of products on MCB of 16 A type B |   |
|-------------------------------|--------------------------|--|---|
| Lamp family code              | -                        |  | 44  |
| Light source color            | 830 warm white           | Photobiological risk                     | Photobiological risk group 1 @ 200mm to EN62471 |
| Light source replaceable      | No                       | Photobiological risk specification       | 0.2 m   |
| Number of gear units          | 1 unit                   | EU RoHS compliant                        | Yes   |
| Driver/power unit/transformer | -                        | Light source engine type                 | LED   |
| Driver included               | Yes                      | Service tag                              | No  |
| Optical cover/lens type       | Glass                    | <b>Light technical</b>                   |   |
| Luminaire light beam spread   | 110° x 110°              | Upward light output ratio                | 0   |
| Control interface             | -                        | Standard tilt angle posttop              | -   |
| Connection                    | Flying leads/wires       | Standard tilt angle side entry           | -   |
| Cable                         | Cable 1.0 m without plug | <b>Operating and electrical</b>          |   |
| Protection class IEC          | Safety class I           | Input Voltage                            | 220 to 240 V                                    |
| Flammability mark             | -                        | Input Frequency                          | 50 or 60 Hz                                     |
| CE mark                       | CE mark                  | Initial CLO power consumption            | - W   |
| ENEC mark                     | -                        | Average CLO power consumption            | 50 W  |
| Warranty period               | 3 years                  | End CLO power consumption                | - W   |
| Optic type outdoor            | Symmetrical              |  |   |
| Constant light output         | No                       |  |   |

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|                    |           |
|--------------------|-----------|
| Inrush current     | 1.68 A    |
| Inrush time        | 0.0082 ms |
| Power Factor (Min) | 0.95      |

### Controls and dimming

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

### Mechanical and housing

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Housing Material                    | Aluminum die cast                    |
| Reflector material                  | Polycarbonate                        |
| Optic material                      | Glass                                |
| Optical cover/lens material         | Tempered glass                       |
| Fixation material                   | Steel                                |
| Mounting device                     | Mounting bracket adjustable          |
| Optical cover/lens shape            | Flat                                 |
| Optical cover/lens finish           | Clear                                |
| Overall length                      | 173 mm                               |
| Overall width                       | 232 mm                               |
| Overall height                      | 26.1 mm                              |
| Effective projected area            | 0.028 m <sup>2</sup>                 |
| Color                               | grey                                 |
| Dimensions (Height x Width x Depth) | 26 x 232 x 173 mm (1 x 9.1 x 6.8 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) | 2/2 kV  |

### Initial performance (IEC compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 5500 lm |
| Luminous flux tolerance             | +/-10%  |

|                                       |                        |
|---------------------------------------|------------------------|
| Initial LED luminaire efficacy        | 110 lm/W               |
| Init. Corr. Color Temperature         | 3000 K                 |
| Init. Color Rendering Index           | >80                    |
| Initial chromaticity                  | (0.440, 0.403) SDCM <5 |
| Initial input power                   | 50 W                   |
| 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 | 5 % |
| Lumen maintenance at median useful life* 50000 h        | 80  |

### Application conditions

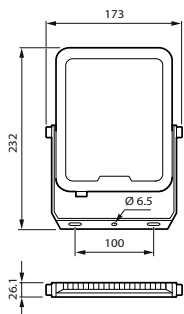
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -25 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |

### Product data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Full product code               | 871951453361599                 |
| Order product name              | BVP164 LED55/830 PSU 50W SWB CE |
| EAN/UPC - Product               | 8719514533615                   |
| Order code                      | 911401844483                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 16                              |
| Material Nr. (12NC)             | 911401844483                    |
| Net Weight (Piece)              | 0.910 kg                        |



## Dimensional drawing



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