



# Ledinaire floodlights gen3

## BVP164 LED24/840 PSU 20W SWB MDU CE

-- 840 neutral 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           |                          | Light Technical                          |   |
|-------------------------------|--------------------------|--|---|
| Lamp family code              | -                        | Number of products on MCB of 16 A type B | 104   |
| Light source color            | 840 neutral 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                    |  |   |
| Luminaire light beam spread   | 110° x 110°              | Operating and Electrical                 |   |
| Control interface             | -                        | Input Voltage                            | 220 to 240 V                                    |
| Connection                    | Flying leads/wires       | Input Frequency                          | 50 or 60 Hz                                     |
| Cable                         | Cable 1.0 m without plug | Initial CLO power consumption            | - W   |
| Protection class IEC          | Safety class I           | Average CLO power consumption            | 20 W  |
| Flammability mark             | -                        | End CLO power consumption                | - W   |
| CE mark                       | CE mark                  |  |   |
| ENEC mark                     | -                        |  |   |
| Warranty period               | 3 years                  |  |   |
| Optic type outdoor            | Symmetrical              |  |   |
| Constant light output         | No                       |  |   |

## Ledinaire floodlights gen3

|                    |           |
|--------------------|-----------|
| Inrush current     | 1.1 A     |
| Inrush time        | 0.0074 ms |
| Power Factor (Min) | 0.8       |

### 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                      | 97 mm                               |
| Overall width                       | 172 mm                              |
| Overall height                      | 52 mm                               |
| Effective projected area            | 0.008 m <sup>2</sup>                |
| Color                               | grey                                |
| Dimensions (Height x Width x Depth) | 52 x 172 x 97 mm (2 x 6.8 x 3.8 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) | 2400 lm |
| Luminous flux tolerance             | +/-10%  |

|                                       |                        |
|---------------------------------------|------------------------|
| Initial LED luminaire efficacy        | 120 lm/W               |
| Init. Corr. Color Temperature         | 4000 K                 |
| Init. Color Rendering Index           | >80                    |
| Initial chromaticity                  | (0.380, 0.380) SDCM <5 |
| Initial input power                   | 20 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

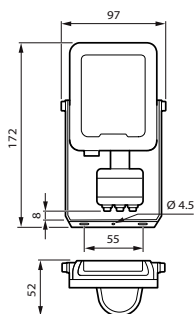
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -20 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | Not applicable |

### Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Full product code               | 871951453479799                     |
| Order product name              | BVP164 LED24/840 PSU 20W SWB MDU CE |
| EAN/UPC - Product               | 8719514534797                       |
| Order code                      | 911401884083                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 24                                  |
| Material Nr. (12NC)             | 911401884083                        |
| Net Weight (Piece)              | 0.380 kg                            |



## Dimensional drawing



Ledinaire floodlight BVP105/106

## Ledinaire floodlights gen3

