



# Ledinaire floodlights gen3

## BVP165 LED180/840 PSU 150W SWB 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           |                                |
|-------------------------------|--------------------------------|
| Lamp family code              | -                              |
| Light source colour           | 840 neutral white              |
| Light source replaceable      | No                             |
| Number of gear units          | 1 unit                         |
| Driver/power unit/transformer | No [-]                         |
| Driver included               | Yes                            |
| Optical cover/lens type       | G [ Glass]                     |
| Luminaire light beam spread   | 110° x 110°                    |
| Control interface             | -                              |
| Connection                    | Flying leads/cables            |
| Cable                         | Cable 2.0 m without plug (C2K) |
| Protection class IEC          | Safety class I                 |
| Flammability mark             | NO [-]                         |
| CE mark                       | CE mark                        |
| ENEC mark                     | -                              |
| Warranty period               | 3 years                        |
| Optic type outdoor            | Symmetrical                    |
| Constant light output         | No                             |

|   |   |
|---|---|
| Number of products on MCB (16 A type B) | 15  |
| Photobiological risk                    | Photobiological risk group 1 @ 200mm to EN62471 |
| Photobiological risk specification      | 0.2 m   |
| EU RoHS compliant                       | Yes   |
| Light source engine type                | LED   |

### Light Technical

|                                |   |
|--------------------------------|---|
| Upward light output ratio      | 0 |
| Standard tilt angle post-top   | - |
| Standard tilt angle side entry | - |

### Operating and Electrical

|                               |              |
|-------------------------------|--------------|
| Input Voltage                 | 220 to 240 V |
| Input frequency               | 50 or 60 Hz  |
| Initial CLO power consumption | - W          |
| Average CLO power consumption | 150 W        |
| End CLO power consumption     | - W          |
| Inrush current                | 4.16 A       |

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|                     |           |
|---------------------|-----------|
| Inrush time         | 0.0264 ms |
| Power factor (min.) | 0.95      |

### Controls and Dimming

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

### Mechanical and Housing

|                                     |  |
|-------------------------------------|--|
| Housing material                    | Aluminium die-cast                       |
| Reflector material                  | Polycarbonate                            |
| Optic material                      | Glass                                    |
| Optical cover/lens material         | Tempered glass                           |
| Fixation material                   | Steel                                    |
| Mounting device                     | MBA [ Mounting bracket adjustable]       |
| Optical cover/lens shape            | Flat                                     |
| Optical cover/lens finish           | Clear                                    |
| Overall length                      | 282 mm                                   |
| Overall width                       | 409 mm                                   |
| Overall height                      | 32.5 mm                                  |
| Effective projected area            | 0.077 m <sup>2</sup>                     |
| Colour                              | grey                                     |
| Dimensions (height x width x depth) | 33 x 409 x 282 mm (1.3 x 16.1 x 11.1 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) | 4/4 kV  |

### Initial Performance (IEC Compliant)

|                                     |          |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 18000 lm |
| Luminous flux tolerance             | +/-10%   |

|  |                        |
|--|------------------------|
| Initial LED luminaire efficacy         | 120 lm/W               |
| Init. Corr. Colour Temperature         | 4000 K                 |
| Init. Colour rendering index           | >80                    |
| Initial chromaticity                   | (0.380, 0.380) SDCM <5 |
| Initial input power                    | 150 W                  |
| Power consumption tolerance            | +/-10%                 |
| Init. colour rendering index tolerance | +/-2                   |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life<br>50,000 h | 5 % |
| Lumen maintenance at median useful life*<br>50,000 h        | 80  |

### Application Conditions

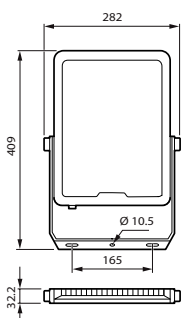
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | -25 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dimming level              | Not applicable |

### Product Data

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Full product code                 | 871951453350999                   |
| Order product name                | BVP165 LED180/840 PSU 150W SWB CE |
| EAN/UPC – product                 | 8719514533509                     |
| Order code                        | 53350999                          |
| SAP numerator – quantity per pack | 1                                 |
| Numerator – packs per outer box   | 4                                 |
| SAP material                      | 911401857483                      |
| SAP net weight (piece)            | 2.740 kg                          |



## Dimensional drawing



Ledinaire floodlight BVP105/106

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