



# Ledinaire floodlights gen3

## BVP164 LED36/840 PSU 30W SWB CE

Ledinaire floodlights gen3, 30 W, 3600 lm, 4000 K, CRI80, Symmetrical wide beam, 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             | -                                 |
| Light source replaceable     | No                                |
| Number of gear units         | Unit                              |
| Driver included              | Yes                               |
| Light source engine type     | LED                               |
| Lighting Technology          | LED                               |
| CE mark                      | Yes                               |
| Warranty period              | 3 years                           |
| Flammability mark            | -                                 |
| ENEC mark                    | -                                 |
| Glow-wire test               | Temperature 650 °C, duration 30 s |
| EU RoHS compliant            | Yes                               |
| Light Technical              |                                   |
| Upwards light output ratio   | 0                                 |
| Luminous Flux                | 3,600 lm                          |
| Standard tilt angle post-top | -                                 |

| Standard tilt angle side entry   | -                     |
|----------------------------------|-----------------------|
| Correlated Colour Temperature    | 4000 K                |
| Luminous efficacy (rated) (nom.) | 120 lm/W              |
| Colour rendering index (CRI)     | >80                   |
| Flickering value (PstLM)         | 1                     |
| Stroboscopic effect              | 5                     |
| Light source colour              | 840 neutral white     |
| Optical cover/lens type          | Glass                 |
| Luminaire light beam spread      | 110° x 110°           |
| Optic type outdoor               | Symmetrical wide beam |
| Operating and Electrical         |                       |
| Line Frequency                   | 50 or 60 Hz           |
| Input Voltage                    | 220 to 240 V          |
| Initial CLO power consumption    | - W                   |
| Average CLO power consumption    | 30 W                  |
| End CLO power consumption        | - W                   |
| Inrush current                   | 1.22 A                |

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|  |                          |
|--|--------------------------|
| Inrush time                              | 0.0072 ms                |
| Power Consumption                        | 30 W                     |
| Power Factor (Fraction)                  | 0.95                     |
| Connection                               | Flying leads/cables      |
| Cable                                    | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 73                       |

Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -25 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                      | 133 mm                      |
| Overall width                       | 182 mm                      |
| Overall height                      | 25.5 mm                     |
| Effective projected area            | 0.017 m²                    |
| Dimensions (height x width x depth) | 26 x 182 x 133 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)

|                                       |                        |
|---------------------------------------|------------------------|
| Initial chromaticity                  | (0.380, 0.380) SDCM <5 |
| Luminous flux tolerance               | +/-10%                 |
| 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  |

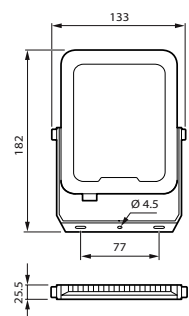
Application Conditions

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

Product Data

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Full EOC                          | 871951453354799                 |
| Order product name                | BVP164 LED36/840 PSU 30W SWB CE |
| Order code                        | 53354799                        |
| SAP numerator – quantity per pack | 1                               |
| Numerator – packs per outer box   | 16                              |
| Material number (12NC)            | 911401853483                    |
| Full product name                 | BVP164 LED36/840 PSU 30W SWB CE |
| EAN/UPC – Case                    | 8719514533783                   |
| EAN/UPC – Product/Case            | 8719514533547                   |

Dimensional drawing



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