



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° | 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 | | |
| Protection class IEC | Safety class I | | |
| Flammability mark | - | Operating and Electrical | |
| CE mark | CE mark | Input Voltage | 220 to 240 V |
| ENEC mark | - | Input Frequency | 50 or 60 Hz |
| Warranty period | 3 years | Initial CLO power consumption | - W |
| Optic type outdoor | Symmetrical | Average CLO power consumption | 20 W |
| Constant light output | No | End CLO power consumption | - W |

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|--------------------|-----------|
| 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 ² |
| 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)

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|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h | 80 |

Application Conditions

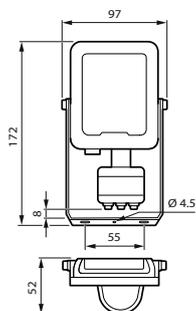
| | |
|------------------------------------|----------------|
| Ambient temperature range | -20 to +40 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

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



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