PHILIPS Lighting



Ledinaire floodlights gen3

BVP165 LED157/840 PSU 150W AWB CE

- - 840 neutral white - - - Wide beam

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 color | 840 neutral white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | - |
| Driver included | Yes |
| Optical cover/lens type | Glass |
| Luminaire light beam spread | 40° x 83° |
| Control interface | - |
| Connection | Flying leads/wires |
| Cable | Cable 2.0 m without plug |
| Protection class IEC | Safety class I |
| Flammability mark | - |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 3 years |
| Optic type outdoor | Wide beam |
| Constant light output | No |
| | |

| Number of products on MCB of 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 |
| Service tag | No |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Standard tilt angle posttop | - |
| 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 |
| | |

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| Inrush current | 4.16 A |
|--|--|
| Inrush time | 0.0264 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 | 282 mm |
| Overall width | 409 mm |
| Overall height | 32.5 mm |
| Effective projected area | 0.077 m² |
| Color | 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 |

15700 lm

+/-10%

| Initial input power | 150 W | |
|---|-----------------------------------|--|
| Power consumption tolerance | +/-10% | |
| Init. Color Rendering Index Tolerance | +/-2 | |
| | | |
| Over Time Performance (IEC Compliant) | | |
| Control gear failure rate at median useful life | 5 % | |
| 50000 h | | |
| Lumen maintenance at median useful life* | 80 | |
| 50000 h | | |
| | | |
| Application Conditions | | |
| Ambient temperature range | -25 to +40 °C | |
| Performance ambient temperature Tq | 25 ℃ | |
| Maximum dim level | Not applicable | |
| | | |
| Product Data | | |
| Full product code | 871951453494099 | |
| Order product name | BVP165 LED157/840 PSU 150W AWB CE | |
| EAN/UPC - Product | 8719514534940 | |
| Order code | 911401896783 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 4 | |
| Material Nr. (12NC) | 911401896783 | |
| Net Weight (Piece) | 3.130 kg | |
| | | |

105 lm/W

4000 K

(0.380, 0.380) SDCM <5

>80



Initial LED luminaire efficacy

Init. Corr. Color Temperature

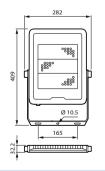
Init. Color Rendering Index

Initial chromaticity

Initial Performance (IEC Compliant)

Initial luminous flux (system flux) Luminous flux tolerance

Dimensional drawing



Ledinaire floodlight BVP105/106

Datasheet, 2021, August 27

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