



Ledinaire floodlight

BVP155 LED100/840 PSU 100W AWB CE

LED module 10000 lm - 840 neutral white - Power supply unit - Asymmetrical

This popular range of off-the-shelf floodlighting luminaires offers Philips high quality standards at a very competitive price. Reliable, energy efficient and affordable, Ledinaire is the perfect solution for a wide range of outdoor applications, from building façades and retail stores to billboards, underpasses and garden lighting.

Product data

| General Information | | | |
|-------------------------------|-------------------------------|--|--------------|
| Lamp family code | LED100 [LED module 10000 lm] | Constant light output | No |
| Light source color | 840 neutral white | Number of products on MCB of 16 A type B | 22 |
| Light source replaceable | No | EU RoHS compliant | Yes |
| Number of gear units | - | Light source engine type | LED |
| Driver/power unit/transformer | Power supply unit | Light Technical | |
| Driver included | Yes | Upward light output ratio | 0 |
| Optical cover/lens type | Clear glass | Standard tilt angle posttop | 0° |
| Luminaire light beam spread | 30° x 80° | Standard tilt angle side entry | 0° |
| Control interface | - | Operating and Electrical | |
| Connection | Flying leads/wires | Input Voltage | 220 to 240 V |
| Cable | Cable 1.0 m without plug | Input Frequency | 50 or 60 Hz |
| Protection class IEC | Safety class I | Initial CLO power consumption | - W |
| Flammability mark | - | Average CLO power consumption | - W |
| CE mark | CE mark | End CLO power consumption | - W |
| ENEC mark | - | Inrush current | 2.48 A |
| Warranty period | 3 years | Inrush time | 0.019 ms |
| Optic type outdoor | Asymmetrical | | |

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|--------------------|-----|
| Power Factor (Min) | 0.9 |
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Controls and Dimming

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|----------|----|
| Dimmable | No |
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Mechanical and Housing

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|-------------------------------------|---|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Mounting device | Mounting bracket adjustable |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 244 mm |
| Overall width | 58 mm |
| Overall height | 311 mm |
| Effective projected area | 0.07 m² |
| Color | Aluminum and gray |
| Dimensions (Height x Width x Depth) | 311 x 58 x 244 mm (12.2 x 2.3 x 9.6 in) |

Approval and Application

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| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 4 kV differential mode and 4 kV common mode |

Initial Performance (IEC Compliant)

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|-------------------------------------|----------|
| Initial luminous flux (system flux) | 10000 lm |
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| Luminous flux tolerance | +/-10% |
| Initial LED luminaire efficacy | 100 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | 80 |
| Initial chromaticity | <7 SDCM |
| Initial input power | 100 W |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

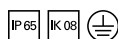
| | |
|---|------|
| Control gear failure rate at median useful life | 10 % |
| 50000 h | |
| Lumen maintenance at median useful life* | L70 |
| 50000 h | |

Application Conditions

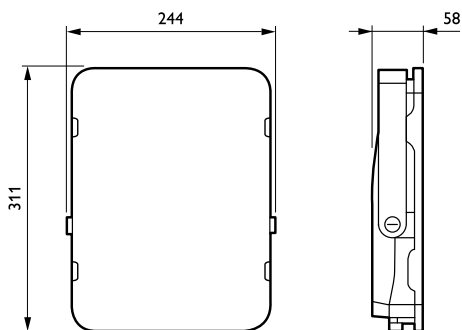
| | |
|---------------------------|----------------|
| Ambient temperature range | -25 to +40 °C |
| Maximum dim level | Not applicable |

Product Data

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|---------------------------------|-----------------------------------|
| Full product code | 871016333128799 |
| Order product name | BVP155 LED100/840 PSU 100W AWB CE |
| EAN/UPC - Product | 8710163331287 |
| Order code | 911401733302 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 911401733302 |
| Net Weight (Piece) | 3.180 kg |



Dimensional drawing



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