



ClearFlood

BVP650 LED360-4S/740 DW10 ALU PSU

ClearFlood, LED module 36000 lm, LED, Power supply unit (On/Off), Distribution wide 10, Grey

ClearFlood is a range of floodlights that enables you to choose the exact lumen rating that you need for your specific application. Designed around state-of-the-art LEDs and extremely high-efficiency optics, this very competitive solution offers an industry-leading lux per euro ratio and significant energy savings. The choice of different optics in the ClearFlood range opens new application possibilities for LEDs. ClearFlood BVP650 is also easy to install and to maintain.

Product data

| General Information | | |
|--------------------------|---|--|
| Lamp family code | LED360 [LED module 36000 lm] | |
| Light source replaceable | Yes | |
| Number of gear units | 2 units | |
| Gear | EB [Electronic] | |
| Driver included | Yes | |
| Remarks | *-Per Lighting Europe guidance paper | |
| | "Evaluating performance of LED based | |
| | luminaires - January 2018": statistically there | |
| | is no relevant difference in lumen | |
| | maintenance between B50 and for example | |
| | B10. Therefore, the median useful life (B50) | |
| | value also represents the B10 value. * At | |
| | extreme ambient temperatures the luminaire | |
| | might automatically dim down to protect | |
| | components | |
| Light source engine type | LED | |
| Product family code | BVP650 [ClearFlood] | |

| Lighting Technology | LED | |
|------------------------------------|------------------------------------|--|
| Value ladder | Specification | |
| CE mark | Yes | |
| Warranty period | 5 years | |
| Flammability mark | For mounting on normally flammable | |
| | surfaces | |
| ENEC mark | ENEC mark | |
| Glow-wire test | Temperature 960 °C, duration 5 s | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Upward light output ratio | 0 | |
| Luminous Flux | 30,600 lm | |
| Standard tilt angle posttop | O° | |
| Standard tilt angle side entry | 0° | |
| Correlated Color Temperature (Nom) | 4000 K | |
| Luminous Efficacy (rated) (Nom) | 139 lm/W | |
| | | |

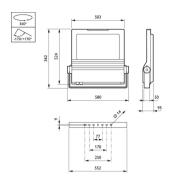
Datasheet, 2023, December 6 data subject to change

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| Color rendering index (CRI) | 70 | Overall height | 95 mm |
|--|-----------------------------|--|---|
| Number of light sources | 120 | Effective projected area | 0.26 m² |
| Light source color | 740 neutral white | Dimensions (Height x Width x Depth) | 95 x 580 x 562 mm |
| Optical cover type | Flat glass | | |
| Luminaire light beam spread | 108° x 113° | Approval and Application | |
| Optic type outdoor | Distribution wide 10 | Ingress protection code | IP66 [Dust penetration-protected, jet-proof |
| | | Mech. impact protection code | IK09 [10 J] |
| Operating and Electrical | | Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV |
| Input Voltage | 220-240 V | | differential mode and 8 kV common mode |
| Line Frequency | 50 to 60 Hz | Protection class IEC | Safety class I |
| Inrush current | 53 A | Photobiological risk | Photobiological risk group 1 @200mm to |
| Inrush time | 0.3 ms | | EN62778 |
| Power Consumption | 220 W | | |
| Power Factor (Fraction) | 0.99 | Initial Performance (IEC Compliant) | |
| Connection | Connection unit 3-pole | Luminous flux tolerance | +/-7% |
| Cable | - | Initial chromaticity | (0.380, 0.390) SDCM <5 |
| Number of products on MCB of 16 A type | 4 | Power consumption tolerance | +/-10% |
| В | | Init. Color Rendering Index Tolerance | +/-2 |
| | | | |
| Temperature | | Over Time Performance (IEC Compl | liant) |
| Ambient temperature range | -40 to +50 °C | Control gear failure rate at median useful | . 10 % |
| | | life 100000 h | |
| Controls and Dimming | | Lumen maintenance at median useful | L95 |
| Dimmable | No | life* 100000 h | |
| Driver/power unit/transformer | Power supply unit (On/Off) | | |
| Control interface | - | Application Conditions | |
| Constant light output | No | Performance ambient temperature Tq | 25 °C |
| | | | |
| Mechanical and Housing | | Product Data | |
| Housing Material | Aluminum die cast | Order product name | BVP650 LED360-4S/740 DW10 ALU PSU |
| Reflector material | - | Full product name | BVP650 LED360-4S/740 DW10 ALU PSU |
| Optic material | Acrylate | Full product code | 871869909874200 |
| Optical cover material | Glass | Order code | 912300023693 |
| Fixation material | Steel | Material Nr. (12NC) | 912300023693 |
| Housing Color | Grey | Numerator - Quantity Per Pack | 1 |
| Mounting device | Mounting bracket adjustable | EAN/UPC - Product/Case | 8718699098742 |
| Optical cover shape | Flat | Numerator - Packs per outer box | 1 |
| Optical cover finish | Clear | EAN/UPC - Case | 8718699098742 |
| Overall length | 562 mm | | |
| Overall width | 580 mm | _ | |
| | | _ | |

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Dimensional drawing





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