



ClearFlood

BVP650 LED80-4S/740 PSU OFA52 ALU

ClearFlood, LED module 8000 lm, LED, Power supply unit (On/Off), Optiflux asymmetrical axis angle 52°, Aluminum

ClearFlood is a range of floodlights that lets you choose the exact number of lumens you need for your 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 opens up new application possibilities for LEDs. ClearFlood is easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles. Selecting the required light output is also straightforward.

Product data

| General Information | |
|--------------------------|---|
| Lamp family code | LED80 [LED module 8000 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| 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 | | |
| Glow-wire test EU RoHS compliant | Temperature 960 °C, duration 5 s Yes | | |
| | <u> </u> | | |
| | <u> </u> | | |
| EU RoHS compliant | <u> </u> | | |
| EU RoHS compliant Light Technical | Yes | | |
| EU RoHS compliant Light Technical Upward light output ratio | Yes 0 | | |
| EU RoHS compliant Light Technical Upward light output ratio Luminous Flux | Yes 0 7,000 lm | | |

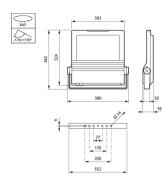
Datasheet, 2023, April 25 data subject to change

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| | 4000 1/ | | 05 |
|--|--------------------------------------|--|--|
| Correlated Color Temperature (Nom) | 4000 K | Overall height | 95 mm |
| Luminous Efficacy (rated) (Nom) | 150 lm/W | Effective projected area | 0.26 m² |
| Color rendering index (CRI) | 70 | Dimensions (Height x Width x Depth) | 95 x 580 x 562 mm |
| Number of light sources | 48 | | |
| Light source color | 740 neutral white | Approval and Application | |
| Optical cover type | Flat glass | Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Luminaire light beam spread | 72° x 22° | Mech. impact protection code | IK09 [10 J] |
| Optic type outdoor | Optiflux asymmetrical axis angle 52° | Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV |
| | | | differential mode and 8 kV common mode |
| Operating and Electrical | | Sustainability rating | Lighting for circularity |
| Input Voltage | 220-240 V | Protection class IEC | Safety class I |
| Line Frequency | 50 to 60 Hz | Photobiological risk | Photobiological risk group 1 @200mm to |
| Inrush current | 53 A | | EN62778 |
| Inrush time | 0.3 ms | | |
| Power Consumption | 47 W | Initial Performance (IEC Compliant) | |
| Power Factor (Fraction) | 0.97 | Luminous flux tolerance | +/-7% |
| Connection | Connection unit 3-pole | Initial chromaticity | (0.380, 0.390) SDCM <5 |
| Cable | - | Power consumption tolerance | +/-10% |
| Number of products on MCB of 16 A type | 8 | Init. Color Rendering Index Tolerance | +/-2 |
| В | | | |
| | | Over Time Performance (IEC Compl | liant) |
| Temperature | | Control gear failure rate at median useful | 10 % |
| Ambient temperature range | -40 to +50 °C | life 100000 h | |
| | | Lumen maintenance at median useful | L97 |
| Controls and Dimming | | life* 100000 h | |
| Dimmable | No | | |
| Driver/power unit/transformer | Power supply unit (On/Off) | Application Conditions | |
| Control interface | - | Performance ambient temperature Tq | 25 ℃ |
| Constant light output | No | | |
| | | Product Data | |
| Mechanical and Housing | | Order product name | BVP650 LED80-4S/740 PSU OFA52 ALU |
| Housing Material | Aluminum die cast | Full product name | BVP650 LED80-4S/740 PSU OFA52 ALU |
| Reflector material | - | Full product code | 871869909043200 |
| Optic material | Acrylate | Order code | 09043200 |
| Optical cover material | Glass | Material Nr. (12NC) | 912300023521 |
| Fixation material | Steel | Numerator - Quantity Per Pack | 1 |
| Housing Color | Aluminum | EAN/UPC - Product/Case | 8718699090432 |
| Mounting device | Mounting bracket adjustable | Numerator - Packs per outer box | 1 |
| Optical cover shape | Flat | EAN/UPC - Case | 8718699090432 |
| Optical cover finish | Clear | | |
| Overall length | 562 mm | | |
| Overall width | 580 mm | | |
| | 555 | | |

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Dimensional drawing





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