



ClearFlood Large

BVP651 LED750-4S/740 DX50 ALU PSU

ClearFlood large, LED module 75000 lm, LED, Power supply unit (On/Off), Distribution extra wide 50, Aluminium

ClearFlood Large is designed to meet the requirements of a wide range of floodlighting applications. It also includes all the necessary control features and interfaces to make it future-proof and even more efficient. ClearFlood Large lets you choose the exact number of lumens you need for your application. Incorporating extremely high-efficiency optics and state-of-the-art LEDs, it is a highly competitive solution offering an outstanding lux/euro ratio and energy savings of up to 40% (without the use of additional controls). The wide choice of optics ensures maximum application coverage. ClearFlood Large is easy to install – you simply plug it in and select the best option for your needs. Perfect for replacing conventional technology and enabling intelligent lighting control while retaining the same electrical installation and poles.

Product data

| General Information | | | |
|--------------------------|---|--|---|
| Lamp family code | LED750 [LED module 75000 lm] | luminaire might automatically dim down to protect components | |
| Light source replaceable | Yes | Light source engine type | LED |
| Number of gear units | 2 units | Product family code | BVP651 [ClearFlood large] |
| Driver included | Yes | Lighting Technology | LED |
| Remarks | * – According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the | Value ladder | Specification |
| | | CE mark | Yes |
| | | Warranty period | 5 years |
| | | Flammability mark | For mounting on normally flammable surfaces |
| | | ENEC mark | ENEC mark |
| | | EU RoHS compliant | Yes |

ClearFlood Large

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|--|-----------------------------|
| Light Technical | |
| Upwards light output ratio | 0 |
| Luminous Flux | 62,000 lm |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 130 lm/W |
| Colour rendering index (CRI) | 70 |
| Light source colour | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 17° - 5° x 132° |
| Optic type outdoor | Distribution extra wide 50 |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 13 A |
| Inrush time | 1.32 ms |
| Power Consumption | 475 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Connection unit 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 3 |
| Temperature | |
| Ambient temperature range | -40 to +50 °C |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Mechanical and Housing | |
| Housing material | Aluminium die cast |
| Reflector material | - |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Housing Colour | Aluminium |
| Mounting device | Mounting bracket adjustable |
| Optical cover/lens shape | Flat |

| | |
|---|--|
| Optical cover/lens finish | Clear |
| Overall length | 880 mm |
| Overall width | 656 mm |
| Overall height | 100 mm |
| Effective projected area | 0.41 m² |
| Dimensions (height x width x depth) | 100 x 656 x 880 mm |
| Approval and Application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode |
| Sustainability rating | Lighting for circularity |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.380, 0.390) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5,000 hours | 0.005 % |
| Control gear failure rate at median useful life 100,000 h | 0.1 % |
| Lumen maintenance at median useful life* 100,000 h | L95 |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Product Data | |
| Order product name | BVP651 LED750-4S/740 DX50 ALU PSU |
| Full product name | BVP651 LED750-4S/740 DX50 ALU PSU |
| Full EOC | 871869911286800 |
| Order code | 11286800 |
| Material no. (12 NC) | 912300023798 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699112868 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8718699112868 |

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Dimensional drawing

