



ClearFlood Large

BVP651 LED750-4S/740 DM10 ALU PSU

ClearFlood large, LED module 75000 lm, LED, Power supply unit (On/Off), Distribution medium 10, 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]	
Light source replaceable	Yes	
Number of gear units	2 units	
Driver included	Yes	
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 luminaire might automatically dim down to protect components	
Light source engine type		LED
Product family code		BVP651 [ClearFlood large]
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

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EU RoHS compliant	Yes
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Light Technical

Upwards light output ratio	0
Luminous Flux	63,080 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	133 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	157° x 111°
Optic type outdoor	Distribution medium 10

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
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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	817 mm
Overall width	597 mm
Overall height	80 mm
Effective projected area	0.41 m²
Dimensions (height x width x depth)	80 x 597 x 817 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
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Product Data

Order product name	BVP651 LED750-4S/740 DM10 ALU PSU
Full product name	BVP651 LED750-4S/740 DM10 ALU PSU
Full EOC	871869911283700
Order code	11283700
Material no. (12 NC)	912300023795
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699112837
Numerator – packs per outer box	1
EAN/UPC - Case	8718699112837

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Dimensional drawing

