



ClearFlood Large

BVP651 LED750-4S/740 DM10 ALU PSU

BVP651 | ClearFlood large, LED750 | LED module 75000 lm, LED, Power supply unit (On/Off), Distribution medium 10, Aluminum

ClearFlood Large is designed to meet the requirements of a wide range of floodlighting applications from parking lots to tennis courts. One of the key advantages of ClearFlood Large, is that you can choose the exact lumen rating that you need for your specific application. Because ClearFlood incorporates extremely high-efficiency optics and state-of-the-art LEDs, it is a highly competitive solution that offers an outstanding lux/euro ratio and instant energy savings. What's more, thanks to the wide choice of optics, you will always benefit from maximum coverage for your application. ClearFlood BVP651 is also easy to install – simply plug it in and select the option that best suits your needs.

Product data

General Information			
Lamp family code	LED750 [LED module 75000 lm]		device, optics, front cover and mechanical parts
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	2 units	Sustainability rating	Lighting for circularity
Driver included	Yes		
Light source engine type	LED	Light Technical	
Service tag	Yes	Upward light output ratio	0
Lighting Technology	LED	Luminous Flux	64,000 lm
Value ladder	Specification	Correlated Color Temperature (Nom)	4000 K
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection	Luminous Efficacy (rated) (Nom)	133 lm/W
		Color rendering index (CRI)	70
		Light source color	740 neutral white
		Luminaire light beam spread	157° x 111°

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Optic type outdoor	Distribution medium 10
Effective projected area	0.41 m ²

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

Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode
Total harmonic distortion	6.92 %

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	Aluminum die cast
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	880 mm
Overall width	656 mm
Overall height	100 mm
Dimensions (Height x Width x Depth)	100 x 656 x 880 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	24.000 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C

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

Ambient temperature range	-40 to +50 °C
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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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.005 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L95

Product Data

Order product name	BVP651 LED750-4S/740 DM10 ALU PSU
Full product name	BVP651 LED750-4S/740 DM10 ALU PSU
Full product code	871869911283700
Order code	912300023795
Material Nr. (12NC)	912300023795
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699112837
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699112837
Product family code	BVP651 [ClearFlood large]

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Dimensional drawing

