PHILIPS Lighting



ClearFlood Large

BVP651 LED750-4S/740 DX10 ALU PSU

ClearFlood large, LED module 75000 lm, LED, Power supply unit (On/Off), Distribution extra wide 10, Aluminum

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

LED750 [LED module 75000 lm]
Yes
2 units
Yes
*-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
LED
Yes
BVP651 [ClearFlood large]
LED
Specification
Yes
5 years
For mounting on normally flammable
surfaces
ENEC mark

ClearFlood Large

EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	60,000 lm
Standard tilt angle posttop	٥°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	20° - 4° x 150°
Optic type outdoor	Distribution extra wide 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	3
В	

Temperature

Ambient temperature range

Controls and Dimming

v	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

-40 to +50 °C

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 shapeFlatOptical cover finishClearOverall length880 mmOverall width656 mmOverall height100 mmEffective projected area0.41 m²Dimensions (Height x Width x Depth)100 x 656 x 880 mmApproval and ApplicationImages protection codeIngress protection codeIP66 [Dust penetration-protected, jet-proolMech. impact protection codeKK08 [5 J vandal-protected]Surge Protection (Common/Differential)Luminaire surge protection level until 4 kV differential mode and 4 kV common modeSustainability ratingLighting for circularityProtection class IECSafety class IInitial Performance (IEC Compliant)ImagesLuminous flux tolerance+/-7%Initial chromaticity0.303 0.390) SDCM <5Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)ImagesDriver failure rate at 5000 h0.005 %Control gear failure rate at median usefulL95Life 100000 hImagesLumen maintenance at median usefulL95Life 100000 hImagesPerformance ambient temperature Tq25 °CProduct DataSVP651 LED750-45/740 DX10 ALU PSUPul product nameBVP651 LED750-45/740 DX10 ALU PSUFul product nameBVP651 LED750-45/740 DX10 ALU PSUFul product name912300023797Material Nr. (12NC)912300023797Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718699112851 <th></th> <th></th>		
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Overall width656 mmOverall height100 mmEffective projected area0.41 m²Dimensions (Height x Width x Depth)100 x 656 x 880 mmApproval and Application100 x 656 x 880 mmIngress protection codeIP66 [Dust penetration-protected, jet-proolMech. impact protection codeIK08 [5 J vandal-protected]Surge Protection (Common/Differential)Luminaire surge protection level until 4 kV differential mode and 4 kV common modeSustainability ratingLighting for circularityProtection class IECSafety class IInitial Performance (IEC Compliant)Luminaire surge protection level until 4 kV differential mode and 4 kV common modeSustainability ratingLighting for circularityProtection class IECSafety class IInitial Chromaticity(0.380, 0.390) SDCM <5Power consumption tolerance+/-7%Initial chromaticity0.0380, 0.390) SDCM <5Over Time Performance (IEC Compliant)Diver failure rate at 5000 hDriver failure rate at 5000 h0.005 %Control gear failure rate at median useful0.1%Life* 100000 hLumen maintenance at median usefulApplication ConditionsPerformancePerformance ambient temperature Tq25 °CProduct DataBVP651 LED750-45/740 DX10 ALU PSUFull product nameBVP651 LED750-45/740 DX10 ALU PSUFull product nameBVP651 LED750-45/740 DX10 ALU PSUFull product name912300023797Material Nr. (12NC)912300023797Numerator - Quantity Per	Optical cover finish	Clear
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Numerator - Quantity Per Pack 1	Order code	912300023797
	Material Nr. (12NC)	912300023797
EAN/UPC - Product/Case 8718699112851	Numerator - Quantity Per Pack	1
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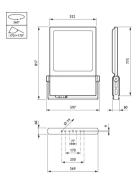
8718699112851

Numerator - Packs per outer box

EAN/UPC - Case

ClearFlood Large

Dimensional drawing





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