



ClearFlood

BVP650 LED420-4S/740 OFA52 ALU PSU

ClearFlood, LED module 42000 lm, LED, Power supply unit (On/Off), Optiflux asymmetrical axis angle 52°, Aluminum

ClearFlood is a range of floodlights that enables you to choose the exact lumen rating that you need for your specific 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 in the ClearFlood range opens new application possibilities for LEDs. ClearFlood BVP650 is also easy to install and to maintain.

Product data

Lamp family code LED420 [L	ED module 42000 lm]
Light source replaceable Yes	
Number of gear units 2 units	
Driver included Yes	
Remarks *-Per Light	ting Europe guidance paper
"Evaluatin	g performance of LED based
luminaires	- January 2018": statistically there
is no releva	ant difference in lumen
maintenan	ice between B50 and for example
B10. There	fore, the median useful life (B50)
value also	represents the B10 value. * At
extreme ar	mbient temperatures the luminaire
might auto	matically dim down to protect
componen	its
Light source engine type LED	
Product family code BVP650 [C	[learFlood]
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
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	35,000 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass

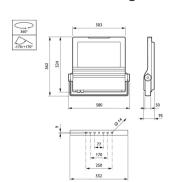
Datasheet, 2024, January 22 data subject to change

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Luminaire light beam spread	39° - 11° x 98°
Optic type outdoor	Optiflux asymmetrical axis angle 52°
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	265 W
Power Factor (Fraction)	0.99
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	4
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	529 mm
Overall width	580 mm
Overall height	95 mm
Effective projected area	0.26 m²

Dimensions (Height x Width x Depth)	95 x 580 x 529 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 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 Comp	liant)
Control gear failure rate at median usefu	ıl 10 %
life 100000 h	
Lumen maintenance at median useful	L95
life* 100000 h	
Application Conditions	
	25 °C
Performance ambient temperature Tq	
	25 C
Product Data	23.0
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Order product name	
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Order product name Full product name Full product code Order code Material Nr. (12NC)	BVP650 LED420-4S/740 OFA52 ALU PSU BVP650 LED420-4S/740 OFA52 ALU PSU 871869912889000 912300023948
Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BVP650 LED420-4S/740 OFA52 ALU PSU BVP650 LED420-4S/740 OFA52 ALU PSU 871869912889000 912300023948 912300023948
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BVP650 LED420-4S/740 OFA52 ALU PSU BVP650 LED420-4S/740 OFA52 ALU PSU 871869912889000 912300023948 912300023948

Dimensional drawing



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