



ClearFlood

BVP650 LED140-4S/740 PSU OFA52 ALU

ClearFlood, LED module 14000 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

General Information	
Lamp family code	LED140 [LED module 14000 lm]
Light source replaceable	Yes
Number of gear units	2 units
Gear	EB [Electronic]
Driver included	Yes
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
Light source engine type	LED
Product family code	BVP650 [ClearFlood]

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
Glow-wire test	Temperature 960 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	12,500 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150 lm/W

Datasheet, 2024, January 17 data subject to change

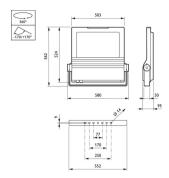
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Color rendering index (CRI)	70	Effective
Number of light sources	82	Dimensio
Light source color	740 neutral white	
Optical cover type	Flat glass	Approv
Luminaire light beam spread	140° x 70°	Ingress
Optic type outdoor	Optiflux asymmetrical axis angle 52°	Mech. in
Operating and Electrical		Surge Pi
Input Voltage	220-240 V	Sustaina
Line Frequency	50 to 60 Hz	Protection
Inrush current	53 A	Photobio
Inrush time	0.3 ms	
Power Consumption	82 W	
Power Factor (Fraction)	0.96	Initial F
Connection	Connection unit 3-pole	Luminou
Cable	-	Initial ch
Number of products on MCB of 16 A type	4	Power c
В	•	Init. Cold
Temperature		Over Ti
Ambient temperature range	-40 to +50 °C	Control
		life 1000
Controls and Dimming		Lumen n
Dimmable	No	life* 100
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Applica
Constant light output	No	Perform
Mechanical and Housing		Produc
Housing Material	Aluminum die cast	Order pr
Reflector material	-	Full prod
Optic material	Acrylate	Full pro
Optical cover material	Glass	Order co
Fixation material	Steel	Materia
Housing Color	Aluminum	Numera
Mounting device	Mounting bracket adjustable	EAN/UP
Optical cover shape	Flat	Numera
Optical cover finish	Clear	EAN/UP
Overall length	562 mm	
Overall width	580 mm	_
Overall height	95 mm	_

Effective projected area	0.26 m ²
Dimensions (Height x Width x Depth)	95 x 580 x 562 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
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
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 Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L97
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BVP650 LED140-4S/740 PSU OFA52 ALU
Full product name	DVDGEO I FD140 AC/740 DCII OFAE3 ALLI
	BVP650 LED140-4S/740 PSU OFA52 ALU
Full product code	871869909046300
Full product code Order code	
	871869909046300
Order code	871869909046300 912300023524
Order code Material Nr. (12NC)	871869909046300 912300023524 912300023524
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869909046300 912300023524 912300023524 1
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	871869909046300 912300023524 912300023524 1 8718699090463

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Dimensional drawing





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