



ClearFlood

BVP650 LED340-4S/740 PSU DW10 ALU

ClearFlood, LED module 34000 lm, LED, Power supply unit (On/Off), Distribution wide 10, Aluminum

ClearFlood is a range of floodlights that lets you choose the exact number of lumens you need for your 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 opens up new application possibilities for LEDs. ClearFlood is easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles. Selecting the required light output is also straightforward.

Product data

General Information		
Lamp family code	LED340 [LED module 34000 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	29,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Datasheet, 2023, April 25 data subject to change

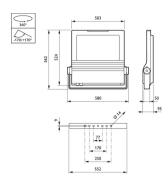
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Correlated Color Temperature (Nom)	4000 K	Overal
Luminous Efficacy (rated) (Nom)	141 lm/W	Effecti
Color rendering index (CRI)	70	Dimen
Number of light sources	120	
Light source color	740 neutral white	Appro
Optical cover type	Flat glass	Ingres
Luminaire light beam spread	72° x 22°	Mech.
Optic type outdoor	Distribution wide 10	Surge
Operating and Electrical		Sustai
Input Voltage	220-240 V	Protec
Line Frequency	50 to 60 Hz	Photo
Inrush current	53 A	
Inrush time	0.3 ms	
Power Consumption	205 W	Initia
Power Factor (Fraction)	0.99	Lumin
Connection	Connection unit 3-pole	Initial
Cable	-	Power
Number of products on MCB of 16 A type	4	Init. Co
В		
		Over
Temperature		Contro
Ambient temperature range	-40 to +50 °C	life 10
		Lumer
Controls and Dimming		life* 10
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	Appli
Control interface	-	Perfor
Constant light output	No	
		Produ
Mechanical and Housing		Order
Housing Material	Aluminum die cast	Full p
Reflector material	-	Full pi
Optic material	Acrylate	Order
Optical cover material	Glass	Mater
Fixation material	Steel	Nume
Housing Color	Aluminum	EAN/U
Mounting device	Mounting bracket adjustable	Nume
Optical cover shape	Flat	EAN/U
Optical cover finish	Clear	
Overall length	562 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 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 Compli	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L96
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BVP650 LED340-4S/740 PSU DW10 ALU
Full product name	BVP650 LED340-4S/740 PSU DW10 ALU
Full product code	871869909086900
Order code	09086900
Material Nr. (12NC)	912300023564
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699090869
Numerator - Packs per outer box	1
EAN/UPC - Case	0710500000000
	8718699090869

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Dimensional drawing





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