ClearFlood

BVP650 LED260-4S/740 PSU DM10 ALU

ClearFlood, LED module 26000 lm, LED, Power supply unit (On/Off), Distribution medium 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	LED260 [LED module 26000 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	22,360 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

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Correlated Color Temperature (Nom)	4000 K		**Overall height**	95 mm
Luminous Efficacy (rated) (Nom)	147 lm/W		**Effective projected area**	0.26 m²
Color rendering index (CRI)	70		**Dimensions (Height x Width x Depth)**	95 x 580 x 562 mm
Number of light sources	120			
Light source color	740 neutral white		**Approval and Application**	
Optical cover type	Flat glass		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	86° x 188°		**Mech. impact protection code**	IK09 [10 J]
Optic type outdoor	Distribution medium 10		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Operating and Electrical			**Sustainability rating**	Lighting for circularity
Input Voltage	220-240 V		**Protection class IEC**	Safety class I
Line Frequency	50 to 60 Hz		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Inrush current	53 A			
Inrush time	0.3 ms			
Power Consumption	152 W		**Initial Performance (IEC Compliant)**	
Power Factor (Fraction)	0.99		**Luminous flux tolerance**	+/-7%
Connection	Connection unit 3-pole		**Initial chromaticity**	(0.380, 0.390) SDCM <5
Cable	-		**Power consumption tolerance**	+/-10%
Number of products on MCB of 16 A type B	4		**Init. Color Rendering Index Tolerance**	+/-2
Temperature			**Over Time Performance (IEC Compliant)**	
Ambient temperature range	-40 to +50 °C		**Control gear failure rate at median useful life 100000 h**	10 %
			Lumen maintenance at median useful life* 100000 h	L96
Controls and Dimming				
Dimmable	No		**Application Conditions**	
Driver/power unit/transformer	Power supply unit (On/Off)		**Performance ambient temperature Tq**	25 °C
Control interface	-			
Constant light output	No		**Product Data**	
			Order product name	BVP650 LED260-4S/740 PSU DM10 ALU
Mechanical and Housing			**Full product name**	BVP650 LED260-4S/740 PSU DM10 ALU
Housing Material	Aluminum die cast		**Full product code**	871869909112500
Reflector material	-		**Order code**	09112500
Optic material	Acrylate		**Material Nr. (12NC)**	912300023590
Optical cover material	Glass		**Numerator - Quantity Per Pack**	1
Fixation material	Steel		**EAN/UPC - Product/Case**	8718699091125
Housing Color	Aluminum		**Numerator - Packs per outer box**	1
Mounting device	Mounting bracket adjustable		**EAN/UPC - Case**	8718699091125
Optical cover shape	Flat			
Optical cover finish	Clear			
Overall length	562 mm			
Overall width	580 mm			

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Dimensional drawing

www.lighting.philips.com

2023, September 17 – data subject to change