



ClearFlood

BVP650 LED260-4S/740 PSU DX50 ALU

ClearFlood, LED module 26000 lm, LED, Power supply unit (On/Off), Distribution extra wide 50, 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	Temperature 960 °C, duration 5 s Yes
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EU RoHS compliant	<u> </u>
EU RoHS compliant Light Technical	Yes
EU RoHS compliant Light Technical Upward light output ratio	Yes 0
EU RoHS compliant Light Technical Upward light output ratio Luminous Flux	Yes 0 22,000 lm

Datasheet, 2023, April 25 data subject to change

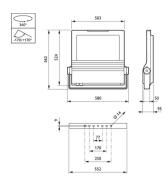
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Correlated Color Temperature (Nom)	4000 K	Overall height
Luminous Efficacy (rated) (Nom)	144 lm/W	Effective projected area
Color rendering index (CRI)	70	Dimensions (Height x Width x Depth)
Number of light sources	120	
Light source color	740 neutral white	Approval and Application
Optical cover type	Flat glass	Ingress protection code
Luminaire light beam spread	86° x 188°	Mech. impact protection code
Optic type outdoor	Distribution extra wide 50	Surge Protection (Common/Differenti
Optic type outdoor	Distribution extra wide 30	Surge Protection (Common Different
Operating and Electrical		Sustainability rating
Input Voltage	220-240 V	Protection class IEC
Line Frequency	50 to 60 Hz	Photobiological risk
Inrush current	53 A	
Inrush time	0.3 ms	
Power Consumption	152 W	Initial Performance (IEC Complia
Power Factor (Fraction)	0.99	Luminous flux tolerance
Connection	Connection unit 3-pole	Initial chromaticity
Cable	-	Power consumption tolerance
Number of products on MCB of 16 A type	4	Init. Color Rendering Index Tolerance
В		
		Over Time Performance (IEC Co
Temperature		Control gear failure rate at median us
Ambient temperature range	-40 to +50 °C	life 100000 h
		Lumen maintenance at median useful
Controls and Dimming		life* 100000 h
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	Application Conditions
Control interface	-	Performance ambient temperature To
Constant light output	No	
		Product Data
Mechanical and Housing		Order product name
Housing Material	Aluminum die cast	Full product name
Reflector material	-	Full product code
Optic material	Acrylate	Order code
Optical cover material	Glass	Material Nr. (12NC)
Fixation material	Steel	Numerator - Quantity Per Pack
Housing Color	Aluminum	EAN/UPC - Product/Case
Mounting device	Mounting bracket adjustable	Numerator - Packs per outer box
Optical cover shape	Flat	EAN/UPC - Case
Optical cover finish	Clear	
Overall length	562 mm	
Overall width	580 mm	
- Total Mail		

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 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 °C
Product Data	
Order product name	BVP650 LED260-4S/740 PSU DX50 ALU
Full product name	BVP650 LED260-4S/740 PSU DX50 ALU
Full product code	871869909067800
Order code	09067800
Material Nr. (12NC)	912300023545
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699090678
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699090678

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Dimensional drawing





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