

ClearFlood Large

BVP651 LED650-4S/740 DX60 ALU PSU

ClearFlood large - LED module 65000 lm - LED - Power supply unit - Grey

ClearFlood Large is designed to meet the requirements of a wide range of floodlighting applications. It also includes all the necessary control features and interfaces to make it future-proof and even more efficient. ClearFlood Large lets you choose the exact number of lumens you need for your application. Incorporating extremely high-efficiency optics and state-of-the-art LEDs, it is a highly competitive solution offering an outstanding lux/euro ratio and energy savings of up to 40% (without the use of additional controls). The wide choice of optics ensures maximum application coverage. ClearFlood Large is easy to install – you simply plug it in and select the best option for your needs. Perfect for replacing conventional technology and enabling intelligent lighting control while retaining the same electrical installation and poles.

Product data

General Information	
Lamp family code	LED650 [LED module 65000 lm]
Light source colour	740 neutral white
Light source replaceable	Yes
Number of gear units	2 units
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	8° - 26° x 82°
Connection	Connection unit 5-pole
Cable	-
Protection class IEC	Safety class I

Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
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.
Constant light output	No

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Number of products on MCB	1
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BVP651 [ClearFlood large]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	340 A
Inrush time	0.022 ms
Power factor (min.)	0.97

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	817 mm
Overall width	597 mm
Overall height	80 mm
Effective projected area	0.41 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	55031 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	137 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.390) SDCM <5
Initial input power	450 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L89

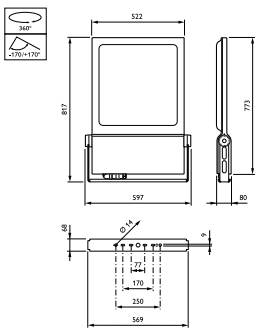
Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871869912906400
Order product name	BVP651 LED650-4S/740 DX60 ALU PSU
EAN/UPC – product	8718699129064
Order code	12906400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023965
Net weight (piece)	23.275 kg

Dimensional drawing



ClearFlood BVP650/651

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2019, February 7 - data subject to change