



Clearflood gen2

BVP655 LED300-4S/740 PSU A55-MB ALU

Clearflood gen2, 172 W, 25220 lm, 4000 K, CRI70, Asymmetrical, IP66

This new generation of Clearflood range brings the total cost of ownership of your project to the next level. The range comes in 3 sizes (BVP655, BVP656, BVP657) with several finishing and serviceability options, and leverages on the light engine of our Recreational Sports & Area flagship floodlight. This light engine is optimized for sports applications, as well as large areas, such as logistical hubs, outdoor car parks and storage area. Now an innovative design approach allows the availability of connected options such as the SR socket, fully integrated on the floodlight housing, and a multi-sensor on the bracket. The product range is compatible with Interact systems.

Product data

General Information	
Lamp family code	LED300 [LED module 30000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity
Light Technical	
Upward light output ratio	0
Luminous Flux	25,220 lm
Correlated Color Temperature (Nom)	4000 K
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Luminous Efficacy (rated) (Nom)	147 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	5° - 17° x 97°
Optic type outdoor	Asymmetrical
Effective projected area	0.16 m²
Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 to 60 Hz
Inrush current	77 A
Inrush time	150 ms
Power Consumption	172 W
Power Factor (Fraction)	0.99

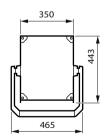
Datasheet, 2025, January 20 data subject to change

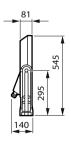
Clearflood gen2

Connection	Connection unit 2 male
	Connection unit 3-pole
Cable	
Number of products on MCB of 16 A type B	9
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	6/8 kV
Total harmonic distortion	6.3 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminium
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	545 mm
Overall width	465 mm
Overall height	140 mm
Dimensions (Height x Width x Depth)	140 x 465 x 545 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Clear glass
Net Weight (Piece)	9.000 kg

Flammability mark CE mark Pers ENEC mark ENEC plus mark EUR OHS compliant Yes Performance ambient temperature Tq Ambient temperature range -40 °C to 50 °C Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Power consumption tolerance +/-7% Init. Color Rendering Index Tolerance -2 Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 10 % 100000 h Lumen maintenance at median useful life* Droduct Data Order product name BVP655 LED300-4S/740 PSU A55-MB ALU Full product code 872016979613300 Order code 912300060552 Material Nr. (12NC) 912300060552 Numerator - Quantity Per Pack ENAC PSU A55-MB A720169796133	Approval and Application	
ENEC mark EU RoHS compliant Yes Performance ambient temperature Tq 25 °C Ambient temperature range -40 °C to 50 °C Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.329,0.342) Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance -2 Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 10 % 100000 h Lumen maintenance at median useful life* 100000 h Product Data Order product name BVP655 LED300-4S/740 PSU A55-MB ALU Full product code 872016979613300 Order code 912300060552 Material Nr. (12NC) 912300060552 Numerator - Quantity Per Pack 1	Flammability mark	-
Performance ambient temperature Tq 25 °C Ambient temperature range -40 °C to 50 °C Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.329,0.342) Power consumption tolerance +/-10% Init. Color Rendering Index Tolerance -2 Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 10 % 100000 h Lumen maintenance at median useful life* L96 100000 h Product Data Order product name BVP655 LED300-4S/740 PSU A55-MB ALU Full product name BVP655 LED300-4S/740 PSU A55-MB ALU Full product code 872016979613300 Order code 912300060552 Material Nr. (12NC) 912300060552 Numerator - Quantity Per Pack 1	CE mark	Yes
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100000 h	100000 h	
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Order code 912300060552 Material Nr. (12NC) 912300060552 Numerator - Quantity Per Pack 1		ALU
Material Nr. (12NC)912300060552Numerator - Quantity Per Pack1	Full product code	872016979613300
Numerator - Quantity Per Pack 1	Order code	912300060552
	Material Nr. (12NC)	912300060552
EAN/UPC - Product/Case 8720169796133	Numerator - Quantity Per Pack	1
	EAN/UPC - Product/Case	8720169796133
Numerator - Packs per outer box 1	Numerator - Packs per outer box	1
EAN/UPC - Case 8720169796133	EAN/UPC - Case	8720169796133
Product family code BVP655 [CLEARFLOOD GEN2 SMALL]	Product family code	BVP655 [CLEARFLOOD GEN2 SMALL]

Dimensional drawing





Clearflood gen2



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