



# Clearflood gen2

## BVP655 LED300-4S/740 PSU A65-VWB ALU

Clearflood gen2, 172 W, 24130 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
Light Technical	
Upward light output ratio	0
Luminous Flux	24,130 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	141 lm/W

Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	5° - 16° x 149°
Optic type outdoor	Asymmetrical
Effective projected area	0.16 m <sup>2</sup>
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
Connection	Connection unit 3-pole

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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

### Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC plus 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%
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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 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L96

### Sustainability Data

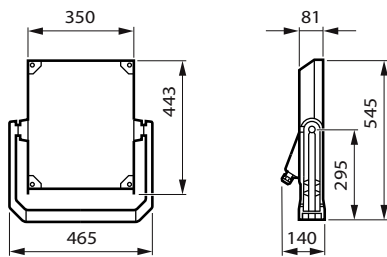
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	241 kg CO <sub>2</sub> e
Product non-virgin material ratio	6.73 %
Recyclable content ratio of the finished product	62.6 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /Lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)

### Product Data

Order product name	BVP655 LED300-4S/740 PSU A65-VWB ALU
Full product name	BVP655 LED300-4S/740 PSU A65-VWB ALU
Full product code	872016979614000
Order code	912300060553
Material Nr. (12NC)	912300060553
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169796140
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169796140
Product family code	BVP655 [CLEARFLOOD GEN2 SMALL]

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### Dimensional drawing



### Photometric data



Polar Normal (separate) - BVP655I - 912300060553

