BVP655 LED300-4S/740 PSU A65-WNB ALU

912300060557

Clearflood gen2, 172 W, 23510 lm, 4000 K, CRI70, Asymmetrical, IP66

Aluminium, Aluminum, Power supply unit, 23510 lm, 172 W, 137 lm/W, 4000 K, (0.329,0.342), CRI70, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, 6/8 kV, Connection unit 3-pole

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	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	23,510 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	6° - 14° x 122°
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
Connection	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

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%
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

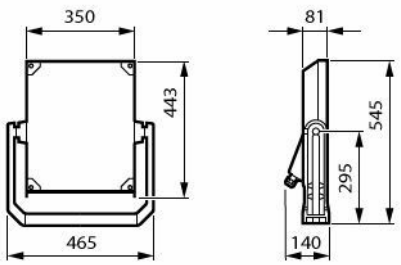
Sustainability Data

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_2e
Product non-virgin material ratio	6.73 %
Recyclable content ratio of the finished product	62.6 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

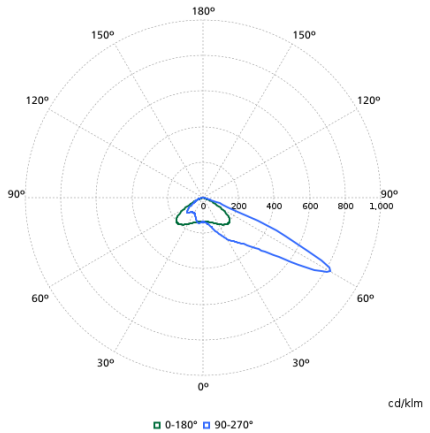
Product Data

Order product name	BVP655 LED300-4S/740 PSU A65-WNB ALU
Full product name	BVP655 LED300-4S/740 PSU A65-WNB ALU
Full product code	872016979618800
Order code	79618800
Material Nr. (12NC)	912300060557
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169796188
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169796188
Product family code	BVP655 [CLEARFLOOD GEN2 SMALL]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPDCF2smallBVP655.pdf	Download
Tender text	Tender_Text_912300060557_en_BG.txt	Download
Installation Instructions	MI-Signify-BVP655-656-657-INI.pdf	Download

Photometry and lighting design	Document Name	Download
LDT File	LDT File - BVP655I - 912300060557.ldt	Download
ROLF File	ROLF File - BVP655I - 912300060557.rolfz	Download
ULD File	ULD File - BVP655I - 912300060557.uld	Download

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