BCP333 LED128/757 I PRM

910925865281

Mini 300 LED gen3, Under-canopy light, 74 W, 11700 lm, 5700 K, CRI70, Internal (no external connection), Petrol rotational symmetric medium, IP66

Under-canopy light, Aluminum die cast, White, Power supply unit (On/Off), 11700 lm, 74 W, 158 lm/W, 5700 K, (0.341, 0.329) SDCM <5, CRI70, Petrol rotational symmetric medium, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Standard surge protection level, Screw connector

General Information

Lamp family code	LED128 [LED module 12800 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical

Upward light output ratio	0
Luminous Flux	11,700 lm
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color rendering index (CRI)	70
Light source color	757 cool white
Luminaire light beam spread	113°
Optic type outdoor	Petrol rotational symmetric medium
Effective projected area	0.0584 m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	74 W
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	8
Protection class IEC	Safety class I
Surge Protection (Common/ Differential)	Standard surge protection level
Total harmonic distortion	8.4 %

Controls and Dimming

Dimmable	No
Driver/power unit/ transformer	Power supply unit (On/Off)
Control interface	Internal (no external connection)
Constant light output	No
Maximum dim level	10%

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Acrylate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	White
Mounting device	-
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	346 mm
Overall width	346 mm
Overall height	139 mm
Dimensions (Height x Width x Depth)	139 x 346 x 346 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	Polycarbonate bowl/cover flat
Net Weight (Piece)	6.230 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.341, 0.329) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 35000 h	35 %
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 75000 h	75 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	L99
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L98
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L97
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

Sustainability Data

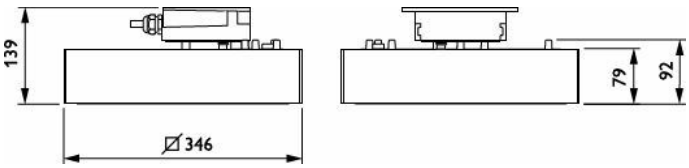
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

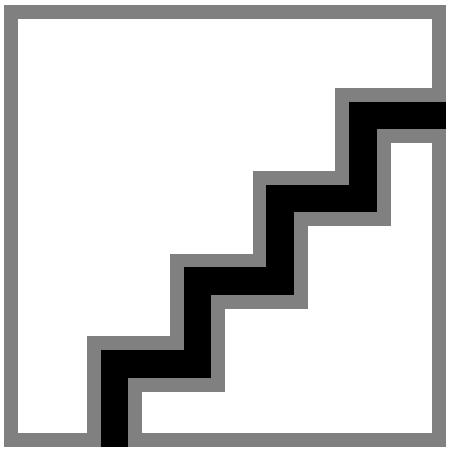
Order product name	BCP333 LED128/757 I PRM
Full product name	BCP333 LED128/757 I PRM
Full product code	871869699759800
Order code	99759800
Material Nr. (12NC)	910925865281
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696997598
Numerator - Packs per outer box	1

EAN/UPC - Case	8718696997598	Product family code	BCP333 [MINI 300 LED GEN3]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Mounting-Instruction-Mini300-BBP333-BCP333-INI.pdf	Download

Photometry and lighting design	Document Name	Download
LDT File	LDT File - BBP333I - 910925865281.ldt	Download
ROLF File	ROLF File - BBP333I - 910925865281.rolfz	Download
ULD File	ULD File - BBP333I - 910925865281.uld	Download

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