EDP768 LED50/830 II MK-WH DM50 FG SRG10

912300024912

Heritage LED retrofit kit, 38 W, 3700 lm, 3000 K, CRI80, Distribution medium 50, Safety class II, IP66, SRG10-10

Aluminum, Black, Power supply unit (On/Off), 3700 lm, 38 W, 97 lm/W, 3000 K, (0.433, 0.403) SDCM <5, CRI80, Distribution medium 50, IP66 | Dust penetration-protected, jet-proof, IK09 | 10 J, Safety class II, Surge protection level until 10 kV differential mode and 10 kV common mode, Cable 0.5 m with cable connector, External connector

Warnings and Safety

- With the exception of integration of this product in Jargeau, Villa or Micenas 1 luminaire, conventional or LED variants, Signify N.V. cannot accept any liability with regards to the mechanical fixation of this product into any other luminaire or on/in any other mounting construction, and to all fixation related aspects. It is the sole responsibility of the customer to ensure that this product is mounted and fixed in a safe and reliable manner.

General Information

Lamp family code	LED50 [LED module 5000 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	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	0.01
Luminous Flux	3,700 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	97 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Luminaire light beam spread	30° - 5° x 153°
Optic type outdoor	Distribution medium 50
Effective projected area	0 m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	38 W
Power Factor (Fraction)	0.97
Connection	External connector
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type B	11
Protection class IEC	Safety class II
Surge Protection (Common/ Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

Dimmable	No
Driver/power unit/ transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	-
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	364 mm
Overall width	364 mm
Overall height	77 mm
Dimensions (Height x Width x Depth)	77 x 364 x 364 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Flat glass
Net Weight (Piece)	3.610 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC plus mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.433, 0.403) 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 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

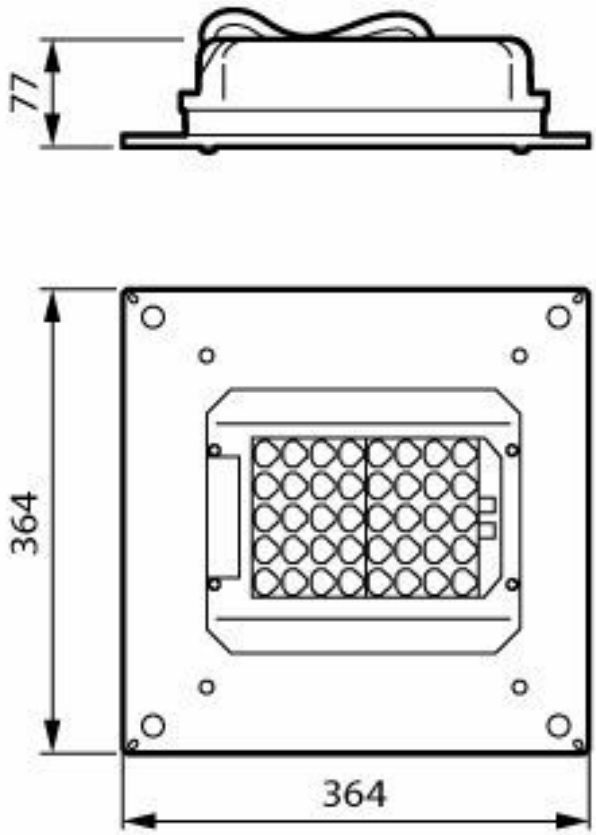
Sustainability Data

Sustainability rating	Unclassified
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

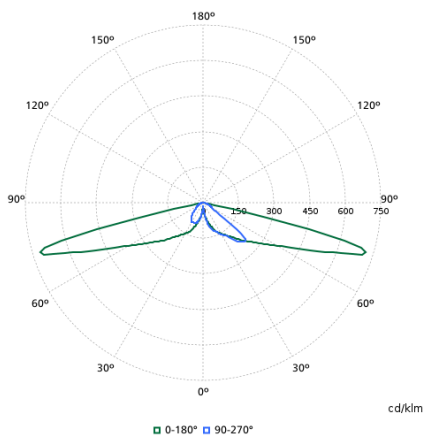
Product Data

Order product name	EDP768 LED50/830 II MK-WH DM50 FG SRG10
Full product name	EDP768 LED50/830 II MK-WH DM50 FG SRG10
Full product code	871951422135200
Order code	22135200
Material Nr. (12NC)	912300024912
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514221352
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514221352
Product family code	EDP768 [VILLA LED RETROFIT KIT]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	443000021523-583-EDP768-EDP769-Villa-Jargeau-LED-retrofit-kit-INI.pdf	Download

Photometric and IES	Document Name	Download
LDT File	LDT File - EDP768I - 912300024912.ldt	Download
ROLF File	ROLF File - EDP768I - 912300024912.rolfz	Download
ULD File	ULD File - EDP768I - 912300024912.uld	Download

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