



Heritage LED retrofit kit

EDP768 LED50/830 II MK-WH DM50 FG SRG10

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

Specially designed for conventional luminaires and first generation LED variants, our IP66 heritage LED retrofit kit delivers several powerful advantages: existing installations become more energy-efficient, and safer, with a more reliable enclosure rating (IP66). In addition, the historical or traditional aesthetic of the luminaire is completely preserved. Thanks to its dedicated passe-partouts range, the heritage LED kit enables a quick and easy retrofit in our conventional (or LED) Villa, Jargeau, Micenas 1 and 2 luminaires while a universal and adjustable passe-partout completes the range and enables retrofit in most of other types of squarish luminaires of many manufacturers. The heritage LED retrofit kit comes with a wide range of application-tailored optics, enabling point-to-point replacement of conventional light sources. Its high-performing Ledgine optimized LED platform enables significant cost savings compared to conventional street lighting, and offers a short payback period. The heritage LED retrofit kit offers a large choice of standard warm color temperatures, this helps ensure that the installation retains the warm atmosphere of sodium lamps. The heritage LED retrofit kit is designed for customers looking for ways to cut their energy and maintenance costs with an easy-to-install solution while preserving the historical aesthetic of their installations. It also makes luminaires ready for future upgrades.

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.

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Product data

General Information		Mounting device	
Lamp family code	LED50 [LED module 5000 lm]	Optical cover shape	Flat
Light source replaceable	Yes	Optical cover finish	Clear
Number of gear units	1 unit	Overall length	364 mm
Driver included	Yes	Overall width	364 mm
Light source engine type	LED	Overall height	77 mm
Service tag	Yes	Dimensions (Height x Width x Depth)	77 x 364 x 364 mm
Lighting Technology	LED	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Value ladder	Performance	Mech. impact protection code	IK09 [10 J]
Warranty period	5 years	Standard tilt angle posttop	-
Light Technical		Standard tilt angle side entry	-
Upward light output ratio	0.01	Optical cover type	Flat glass
Luminous Flux	3,700 lm	Net Weight (Piece)	3.610 kg
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	97 lm/W	Flammability mark	-
Color rendering index (CRI)	80	CE mark	Yes
Light source color	830 warm white	ENEC mark	ENEC plus mark
Luminaire light beam spread	30° - 5° x 153°	Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Optic type outdoor	Distribution medium 50	EU RoHS compliant	Yes
Effective projected area	0 m²	Performance ambient temperature Tq	25 °C
Operating and Electrical		Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Input Voltage	220 to 240 V	Ambient temperature range	-40 to +50 °C
Line Frequency	50 to 60 Hz	Initial Performance (IEC Compliant)	
Inrush current	46 A	Luminous flux tolerance	+/-7%
Inrush time	0.25 ms	Initial chromaticity	(0.433, 0.403) SDCM <=5
Power Consumption	38 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.97	Init. Color Rendering Index Tolerance	+/-2
Connection	External connector	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM<=5
Cable	Cable 0.5 m with cable connector	Over Time Performance (IEC Compliant)	
Number of products on MCB of 16 A type B	11	Control gear failure rate at median useful life 100000 h	10 %
Protection class IEC	Safety class II	Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode	Sustainability Data	
Controls and Dimming		Sustainability rating	Unclassified
Dimmable	No	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.
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		

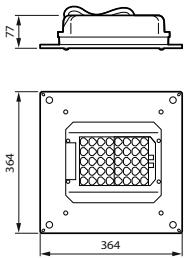
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Product Data

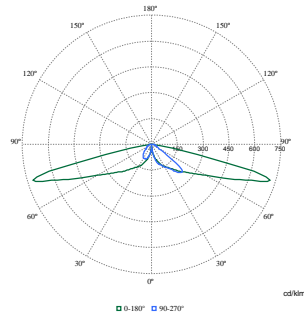
Order product name	EDP768 LED50/830 II MK-WH DM50 FG SRG10
Full product name	EDP768 LED50/830 II MK-WH DM50 FG SRG10
Full product code	871951422135200
Order code	912300024912
Material Nr. (12NC)	912300024912

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



Photometric data



Polar Normal (separate) - EDP768I - 912300024912

