



MASTER - LED HID SON-T



MAS LED SON-T EM 3.6Klm 23W 727 E27

Philips MASTER - LED HID SON-T lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER – LED HID SON-T solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit MASTER – LED HID SON-T lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast (for IF replacements) or reflector.

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

Product data

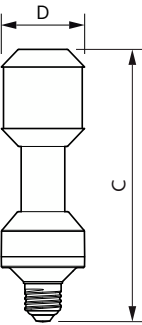
General Information		Color Consistency	
Cap-Base	E27 [E27]	Color rendering index (CRI)	70
Nominal lifetime	70,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Flickering value (PstLM)	1
Lighting Technology	LED	Stroboscopic effect value (SVM)	2.5
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RG1
EU RoHS compliant	Yes	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	727 [CCT of 2700K]	Input Frequency	50 to 60 Hz
Luminous Flux	3,600 lumen	Power Consumption	23 W
Color Designation	Warm White (WW)	Wattage Equivalent	50 W
Correlated Color Temperature (Nom)	2700 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	156 lm/W	Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.9
Voltage (Nom)	120-240 V
Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	46 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T60 [T 60mm]
Approval and Application	
Energy Efficiency Class	D

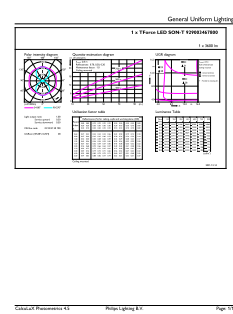
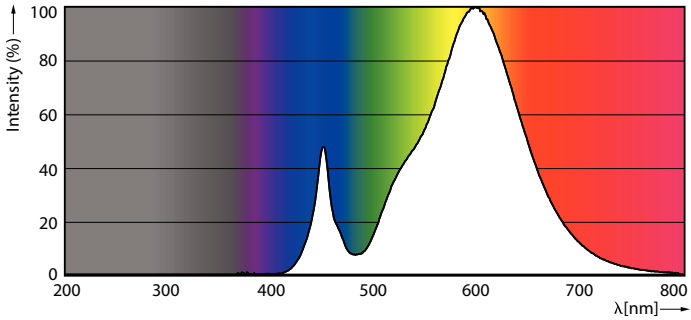
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1077796
Product Data	
Full product code	871951444903900
Order product name	MAS LED SON-T EM 3.6Klm 23W 727 E27
Order code	929003467818
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003467818
Full product name	MAS LED SON-T EM 3.6Klm 23W 727 E27
EAN/UPC - Case	8719514449046
EAN/UPC - Product/Case	8719514449039

Dimensional drawing



Product	D	C
MAS LED SON-T EM 3.6Klm 23W 727 E27	61 mm	200 mm

Photometric data

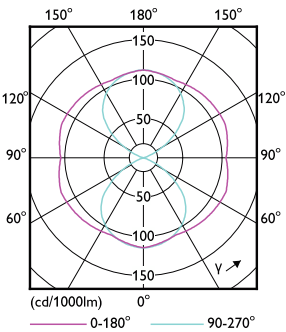


Spectral Power Distribution Colour

General uniform lighting - MAS LED SON-T EM 3.6Klm 23W 727 E27

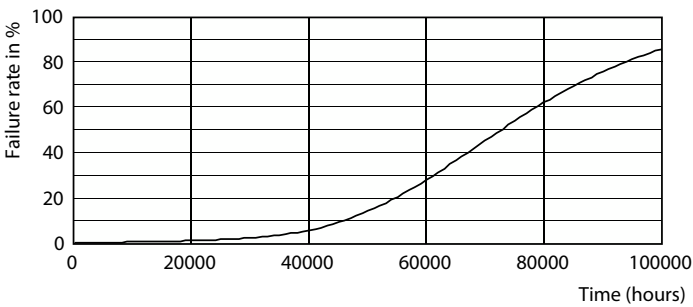
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Photometric data

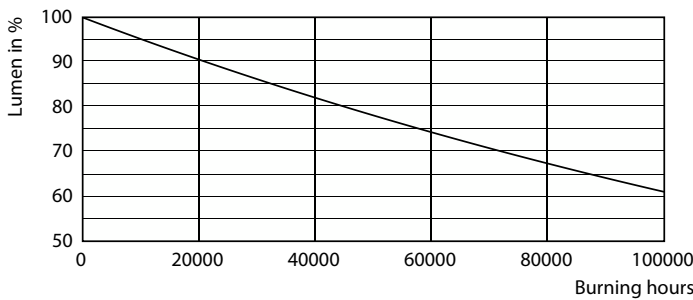


Light Distribution Diagram

Lifetime



Life Expectancy Diagram - MAS LED SON-T EM 3.6Klm 23W 727 E27



Lumen Maintenance Diagram - MAS LED SON-T EM 3.6Klm 23W 727 E27

