

MASTER - LED HID SON-T



MAS LED SON-T IF 9Klm 50W 740 E40

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

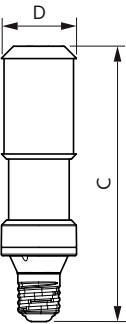
General Information		Color Consistency	
Cap-Base	E40 [E40]	Color rendering index (CRI)	<6
Nominal lifetime	70,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Photobiological safety according to EN 62471	RG1
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Sphere	Line Frequency	50 Hz
EU RoHS compliant	Yes	Input Frequency	50 Hz
Light Technical		Power Consumption	50 W
Color Code	740 [CCT of 4000K]	Lamp Current (Nom)	1,060 mA
Luminous Flux	9,000 lumen	Wattage Equivalent	100 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	180 lm/W		

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Voltage (Nom)	85-95 V
Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	52 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T70 [T 70mm]
Approval and Application	
Energy Efficiency Class	C

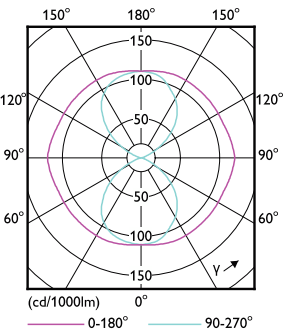
Energy Consumption kWh/1000 h	50 kWh
EPREL Registration Number	1077806
Product Data	
Full product code	871951444897100
Order product name	MAS LED SON-T IF 9Klm 50W 740 E40
Order code	929003467512
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003467512
Full product name	MAS LED SON-T IF 9Klm 50W 740 E40
EAN/UPC - Case	8719514448988
EAN/UPC - Product/Case	8719514448971

Dimensional drawing

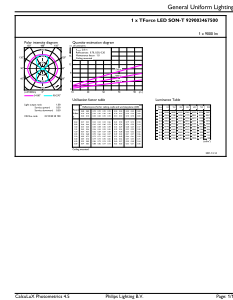


Product	D	C
MAS LED SON-T IF 9Klm 50W 740 E40	71 mm	262 mm

Photometric data



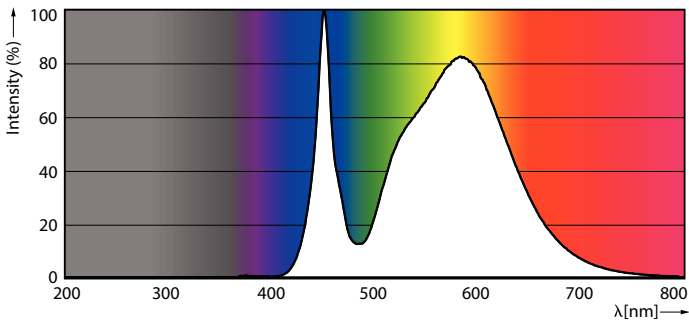
Light Distribution Diagram



General uniform lighting - MAS LED SON-T IF 9Klm 50W 740 E40

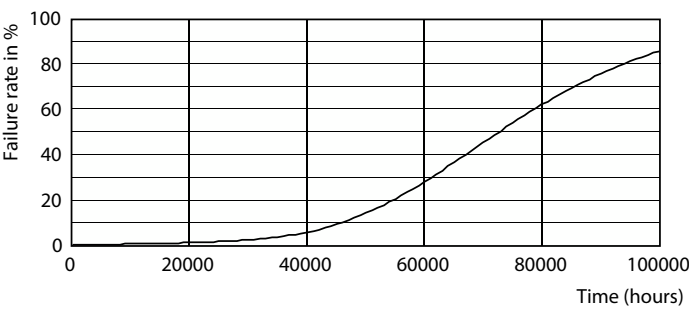
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Photometric data

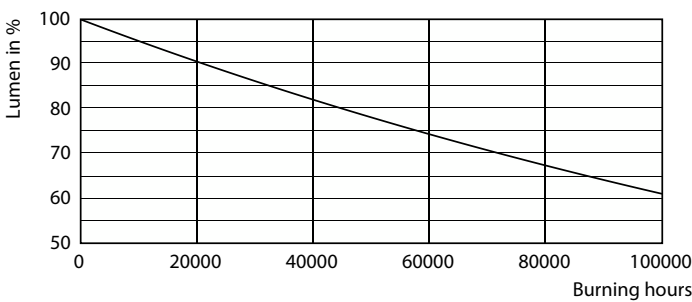


Spectral Power Distribution Colour

Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 9Klm 50W 740 E40



Lumen Maintenance Diagram - MAS LED SON-T IF 9Klm 50W 740 E40

