



MASTER - LED HID SON-T

MAS LED SON-T IF 4Klm 23W 740 E27

Philips LED Road lamps are an easy LED solution with a short payback period to replace High Intensity Discharge (HID) and High Pressure Sodium (SON) lamps. TrueForce LED 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 TrueForce LED road lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast or reflector.

Warnings and Safety

- Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

General Information	
Cap-Base	E27 [E27]
EU RoHS compliant	Yes
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Brand	Philips
Light Technical	
Color Code	740 [CCT of 4000K]
Luminous Flux	4,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	173 lm/W

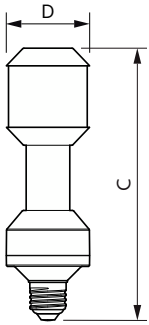
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	23 W
Lamp Current (Nom)	775 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Voltage (Nom)	48-58 V

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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 Consumption kWh/1000 h	23 kWh

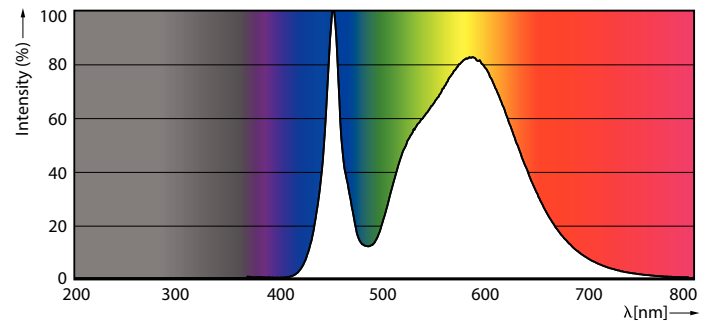
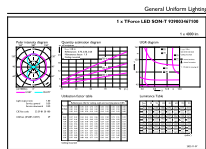
EPREL Registration Number	1,077,792
Product Data	
Full product code	871951444889600
Order product name	MAS LED SON-T IF 4Klm 23W 740 E27
Order code	929003467112
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003467112
Net weight	0.250 kg
Full product name	MAS LED SON-T IF 4Klm 23W 740 E27
EAN/UPC - Case	8719514448902

Dimensional drawing



Product	D	C
MAS LED SON-T IF 4Klm 23W 740 E27	61 mm	200 mm

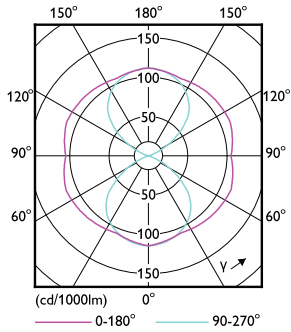
Photometric data



Spectral Power Distribution Colour

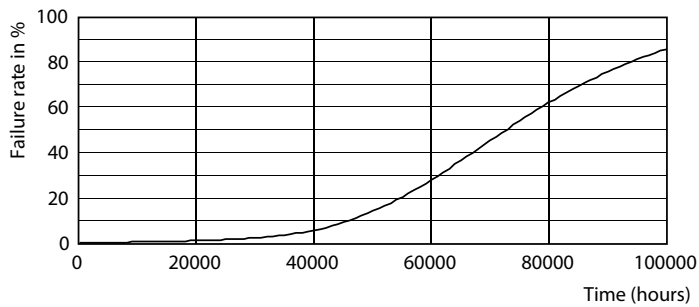
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Photometric data

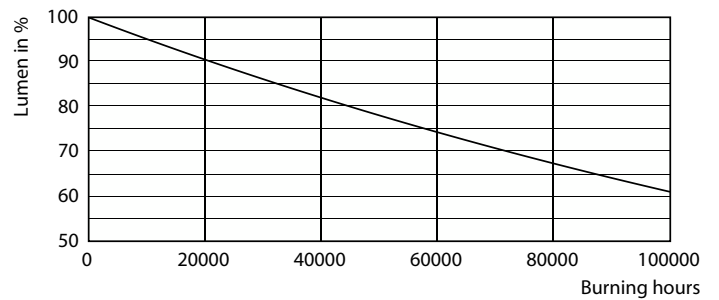


Light Distribution Diagram

Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 4Klm 23W 740 E27



Lumen Maintenance Diagram - MAS LED SON-T IF 4Klm 23W 740 E27

