



MASTER - LED HID SON-T

MAS LED SON-T IF 3.6Klm 23W 727 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

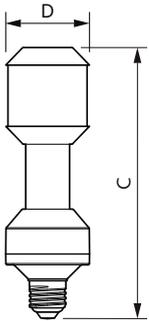
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]		70
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	70,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 Hz
Lighting Technology	LED	Input Frequency	50 Hz
Flux measurement reference	Sphere	Power Consumption	23 W
Light Technical		Lamp Current (Nom)	775 mA
Color Code	727 [CCT of 2700K]	Wattage Equivalent	50 W
Luminous Flux	3,600 lumen	Starting Time (Nom)	0.5 s
Color Designation	Warm White (WW)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	2700 K	Voltage (Nom)	48-58 V
Luminous Efficacy (rated) (Nom)	156 lm/W	Temperature	
Color Consistency	<6	Ambient temperature range	-40 °C to 55 °C

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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	1,077,800

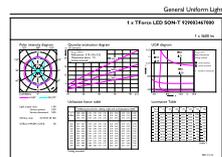
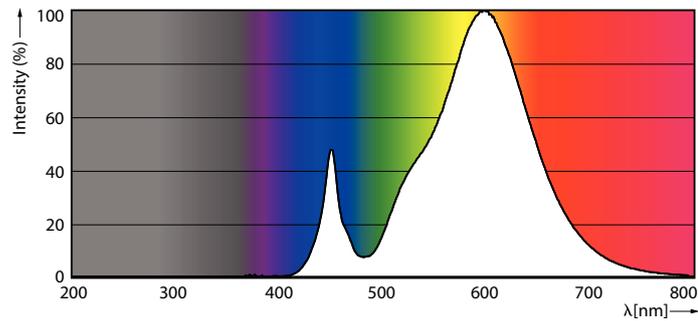
Product Data	
Full product code	871951444887200
Order product name	MAS LED SON-T IF 3.6Klm 23W 727 E27
Order code	929003467012
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003467012
Net weight	0.250 kg
Full product name	MAS LED SON-T IF 3.6Klm 23W 727 E27
EAN/UPC - Case	8719514448889

Dimensional drawing



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

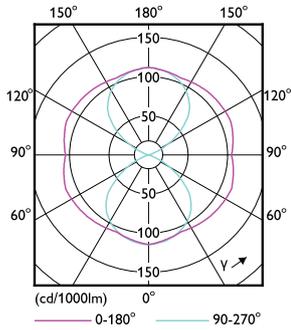
Photometric data



Spectral Power Distribution Colour

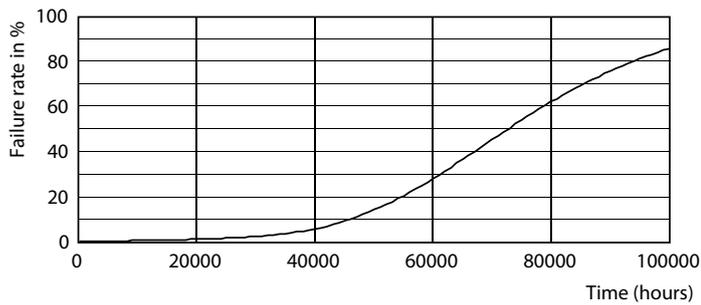
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Photometric data

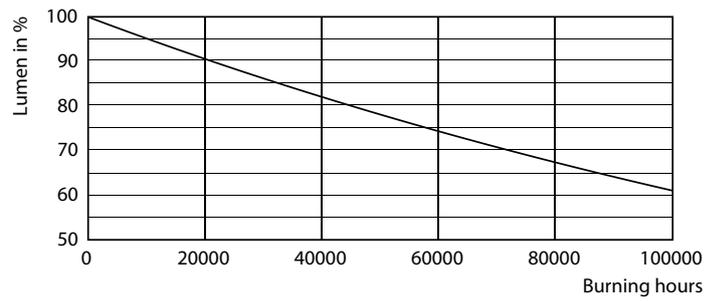


Light Distribution Diagram

Lifetime



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



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

