



MASTER - LED HID SON-T

MAS LED SON-T IF 10.8Klm 65W 727 E40

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

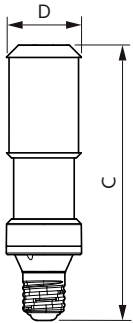
General Information		Color Consistency	
Cap-Base	E40 [E40]	Color rendering index (CRI)	<6
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	70,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 Hz
Lighting Technology	LED	Input Frequency	50 Hz
Flux measurement reference	Sphere	Power Consumption	65 W
Brand	Philips	Lamp Current (Nom)	1,760 mA
Light Technical		Wattage Equivalent	150 W
Color Code	727 [CCT of 2700K]	Starting Time (Nom)	0.5 s
Luminous Flux	10,800 lumen	Warm-up time to 60% light	0.5 s
Color Designation	Warm White (WW)	Voltage (Nom)	80-90 V
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	166 lm/W		

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Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T70 [T 70mm]
Approval and Application	
Energy Consumption kWh/1000 h	65 kWh

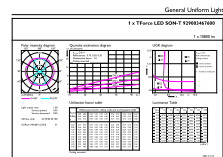
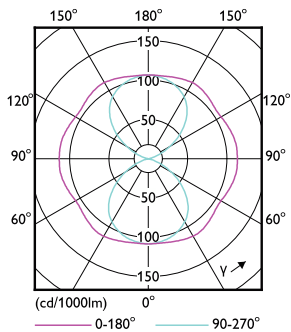
EPREL Registration Number	1,077,807
Product Data	
Full product code	871951444899500
Order product name	MAS LED SON-T IF 10.8Klm 65W 727 E40
Order code	929003467612
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003467612
Net weight	0.490 kg
Full product name	MAS LED SON-T IF 10.8Klm 65W 727 E40
EAN/UPC - Case	8719514449008

Dimensional drawing



Product	D	C
MAS LED SON-T IF 10.8Klm 65W 727 E40	71 mm	262 mm

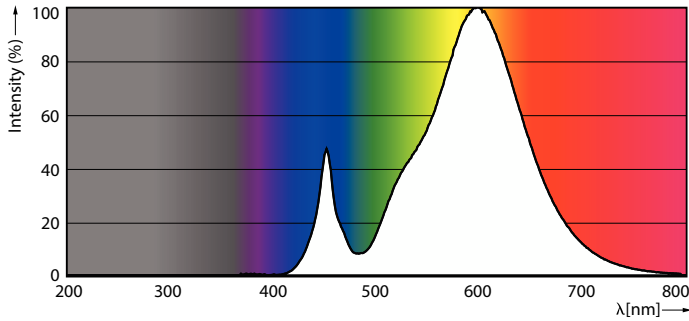
Photometric data



Light Distribution Diagram

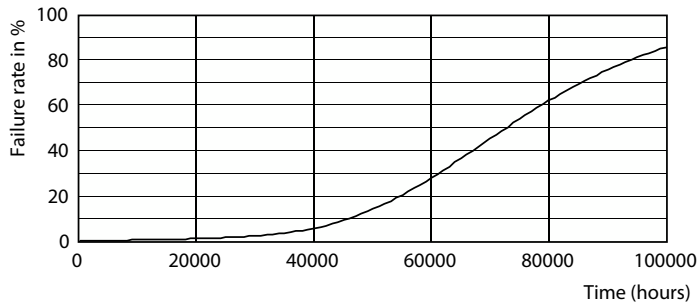
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Photometric data

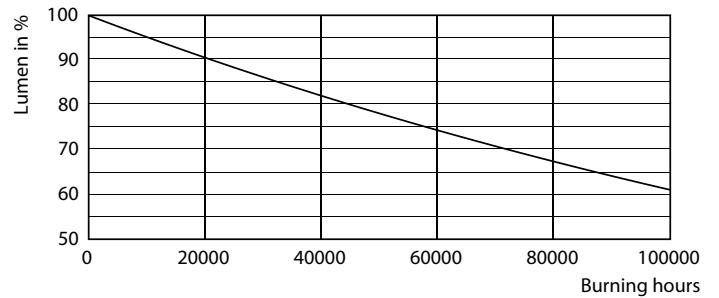


Spectral Power Distribution Colour

Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 10.8Klm 65W 727 E40



Lumen Maintenance Diagram - MAS LED SON-T IF 10.8Klm 65W 727 E40

