



MASTER - LED HID SON-T

MAS LED SON-T IF 12Klm 65W 740 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

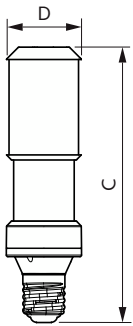
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E40 [E40]		70 %
Nominal lifetime	70,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 Hz
Lighting Technology	LED	Input Frequency	50 Hz
Flux measurement reference	Sphere	Power Consumption	65 W
		Lamp Current (Nom)	1,760 mA
		Wattage Equivalent	150 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	740 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Luminous Flux	12,000 lumen	Voltage (Nom)	80-90 V
Color Designation	Cool White (CW)	Temperature	
Correlated Color Temperature (Nom)	4000 K	Ambient temperature range	-40 °C to 55 °C
Luminous Efficacy (rated) (Nom)	184 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	70		

MASTER - LED HID SON-T

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	1,077,791
EU RoHS compliant	Yes

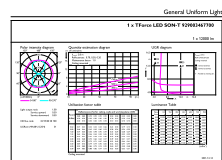
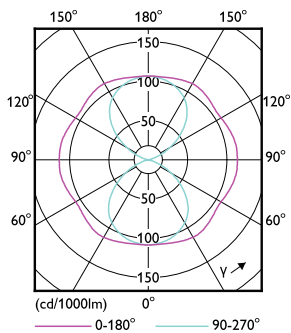
Product Data	
Full product code	871951444901500
Order product name	MAS LED SON-T IF 12Klm 65W 740 E40
Order code	929003467712
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003467712
Net weight	0.490 kg
Full product name	MAS LED SON-T IF 12Klm 65W 740 E40
EAN/UPC - Case	8719514449022

Dimensional drawing



Product	D	C
MAS LED SON-T IF 12Klm 65W 740 E40	71 mm	262 mm

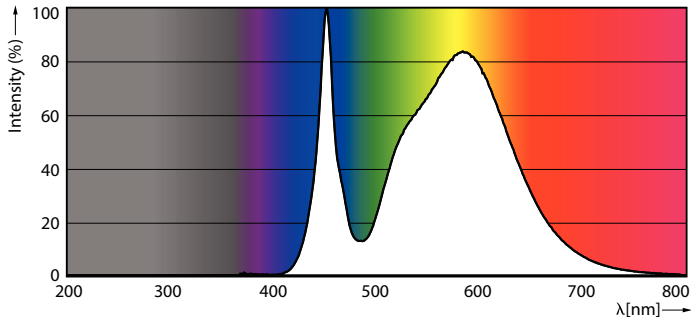
Photometric data



Light Distribution Diagram

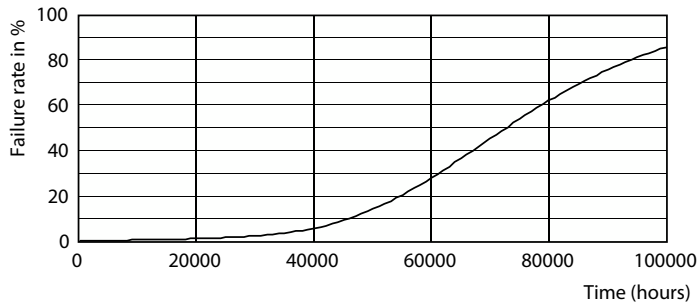
MASTER - LED HID SON-T

Photometric data

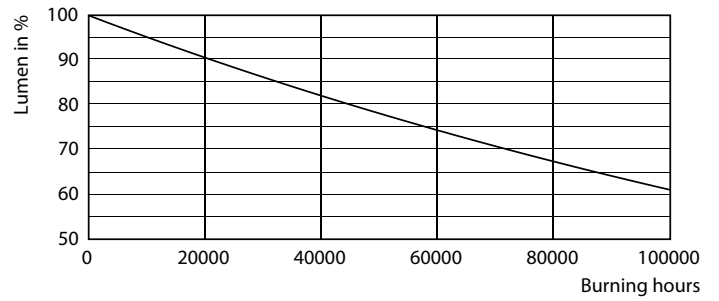


Spectral Power Distribution Colour

Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 12Klm 65W 740 E40



Lumen Maintenance Diagram - MAS LED SON-T IF 12Klm 65W 740 E40

