



# MASTER - LED HID SON-T

## MAS LED SON-T IF 6Klm 34W 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

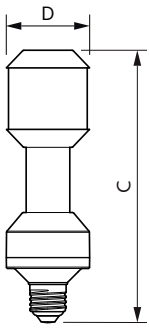
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E27 [E27]		70 %
Nominal lifetime	70,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 Hz
Lighting Technology	LED	Input Frequency	50 Hz
Flux measurement reference	Sphere	Power Consumption	34 W
		Lamp Current (Nom)	965 mA
		Wattage Equivalent	70 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	6,000 lumen	Voltage (Nom)	68-78 V
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K	Temperature	
Luminous Efficacy (rated) (Nom)	176 lm/W	Ambient temperature range	-40 °C to 55 °C
Color Consistency	<6		
Color rendering index (CRI)	70		

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T-Case Maximum (Nom)	59 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T60 [T 60mm]
<b>Approval and Application</b>	
Energy Consumption kWh/1000 h	34 kWh
EPREL Registration Number	1,077,795
EU RoHS compliant	Yes

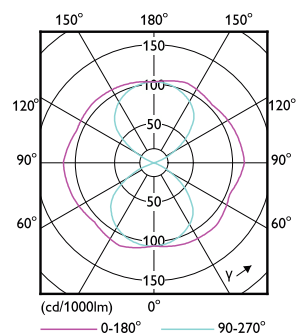
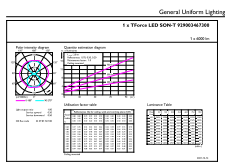
<b>Product Data</b>	
Full product code	871951444893300
Order product name	MAS LED SON-T IF 6Klm 34W 740 E27
Order code	929003467312
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929003467312
Net weight	0.250 kg
Full product name	MAS LED SON-T IF 6Klm 34W 740 E27
EAN/UPC - Case	8719514448940

## Dimensional drawing



Product	D	C
MAS LED SON-T IF 6Klm 34W 740 E27	61 mm	200 mm

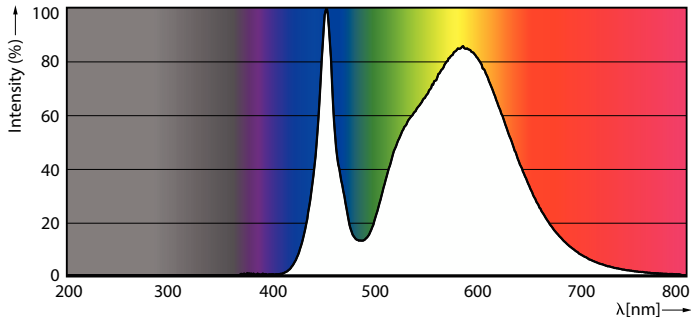
## Photometric data



Light Distribution Diagram

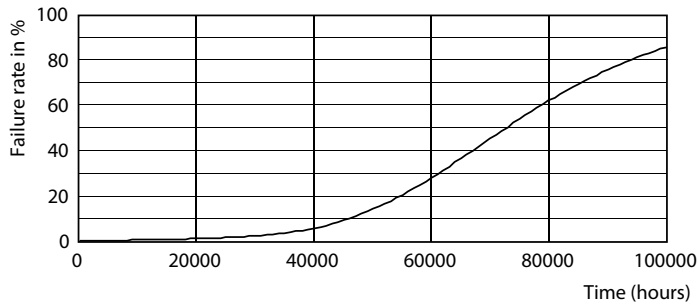
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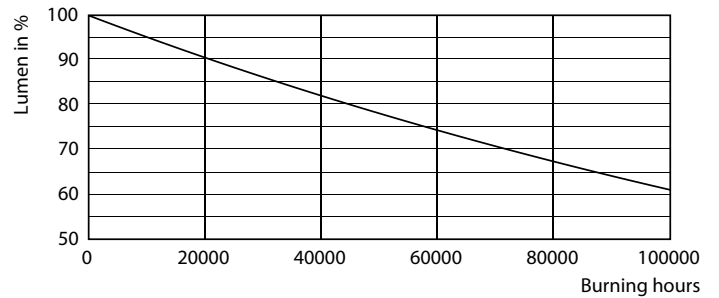


Spectral Power Distribution Colour

## Lifetime



Life Expectancy Diagram - MAS LED SON-T IF 6Klm 34W 740 E27



Lumen Maintenance Diagram - MAS LED SON-T IF 6Klm 34W 740 E27

