



MASTER - LED HID SON-T



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

MASTER, LED SON-T, Tubular, EM, 34 W, SON-T 70W, E27, 4000 K, 6000 lm, CRI 70, 70000 hour(s)

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

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

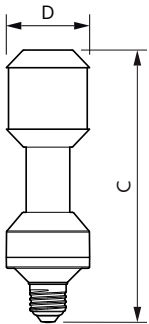
Product data

General Information			
Cap-Base	E27	Luminous Flux	6,000 lm
Nominal lifetime	70,000 hour(s)	Color Designation	Cool White (CW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED SON-T	Luminous Efficacy (rated) (Nom)	176 lm/W
Flux measurement reference	Sphere	Color Consistency	<6
Warranty period	8 years	Color rendering index (CRI)	70
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical			
Color Code	740 [CCT of 4000K]		

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Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	34 W
Lamp Current (Nom)	965 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	-
Voltage (Nom)	68-78 V
Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	7
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	8
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	11
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	13
Wattage Equivalent (LED HID only)	SON-T 70W
Ballast Compatibility	EM
Temperature	
T-Case Maximum (Nom)	59 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

Dimensional drawing

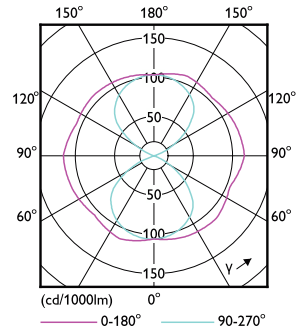
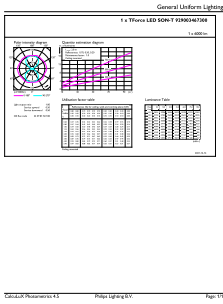


Bulb Material	Glass
Bulb Shape	Tubular
Net Weight (Piece)	0.250 kg
Approval and Application	
Energy Efficiency Class	C
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	34 kWh
EPREL Registration Number	1077795
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-30 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LED SON-T IF 6Klm 34W 740 E27
Full product name	MAS LED SON-T IF 6Klm 34W 740 E27
Full product code	871951444893300
Order code	929003467312
Material Nr. (12NC)	929003467312
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514448933
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514448940

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

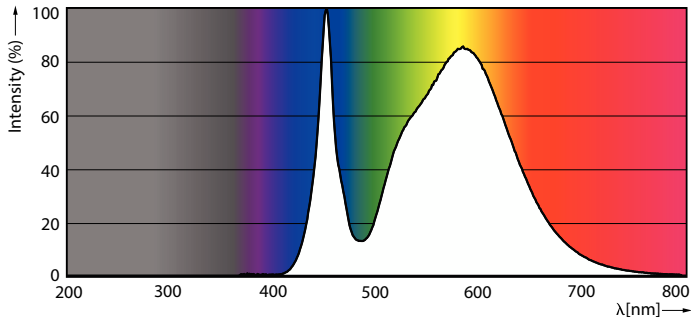
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Photometric data



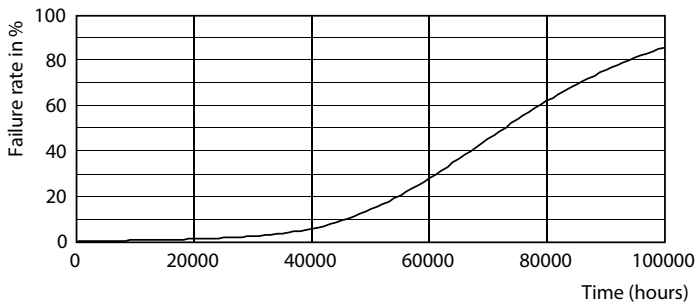
General uniform lighting - MAS LED SON-T IF 6Klm 34W 740 E27

Light Distribution Diagram - MAS LED SON-T IF 6Klm 34W 740 E27

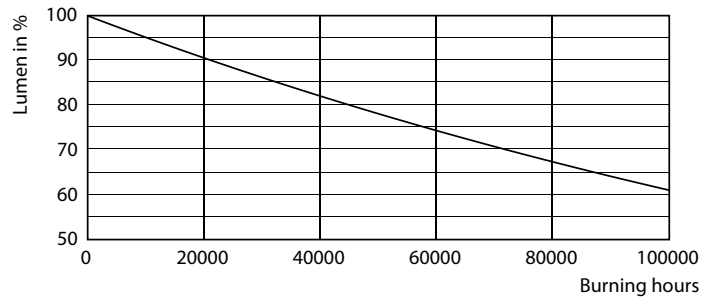


Spectral Power Distribution Colour - MAS LED SON-T IF 6Klm 34W 740 E27

Lifetime



Life Expectancy Diagram



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

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