



MASTER - LED HID SON-T



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

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
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	740 [CCT of 4000K]
Luminous Flux	6,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	176 lm/W
Color Consistency	<6

Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1
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
Ballast Compatibility	EM

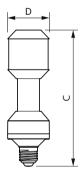
Datasheet, 2025, March 18 data subject to change

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Inrush current at mains	-
Max. lamp no. on MCB B type 10A - Mains	-
Max. lamp no. on MCB B type 10A – EM ballast	7
without Compensation Capacitor.	
Max. lamp no. on MCB B type 10A – EM ballast	8
with Compensation Capacitor.	
Max. lamp no. on MCB B type 16A - Mains	-
Max. lamp no. on MCB B type 16A – EM ballast	11
without Compensation Capacitor.	
Max. lamp no. on MCB B type 16A – EM ballast	13
with Compensation Capacitor.	
Temperature	
T-Case Maximum (Nom)	59 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T60
Net Weight (Piece)	0.250 kg
	

Approval and Application		
Energy Efficiency Class	С	
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	
Product Data		
Order product name	MAS LED SON-T IF 6Klm 34W 740	
	E27	
Full product name	E27 MAS LED SON-T IF 6Klm 34W 740	
Full product name		
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	MAS LED SON-T IF 6Klm 34W 740 E27	
Full product code	MAS LED SON-T IF 6Klm 34W 740 E27 871951444893300	
Full product code Order code	MAS LED SON-T IF 6Klm 34W 740 E27 871951444893300 929003467312	
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Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	MAS LED SON-T IF 6Klm 34W 740 E27 871951444893300 929003467312 929003467312 1 8719514448933	

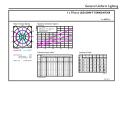
Dimensional drawing



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

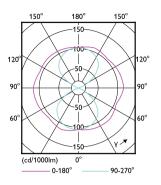
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Photometric data

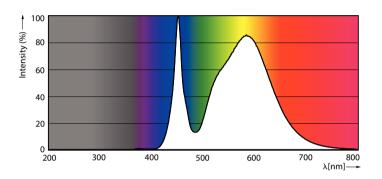


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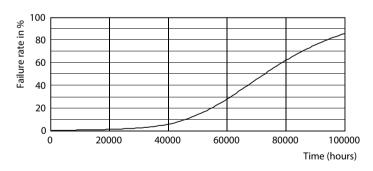


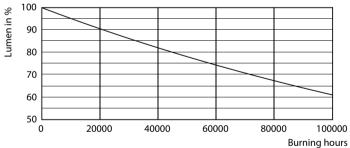
Light Distribution Diagram - MAS LED SON-T IF 6Klm 34W 740 E27



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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