



MASTER - LED HID SON-T



MAS LED SON-T IF 9Klm 50W 740 E40

MASTER, LED SON-T, Tubular, EM, 50 W, SON-T 100W, E40, 4000 K, 9000 lm, CRI 70, 70000 hour(s)

MASTER, LED SON-T, Tubular, EM, 50 W, LED alternative to SON-T 100W, E40, 4000 K, 9000 lm, CRI 70, 70000 hour(s), 180 lm/W, EEL C, Glass, RG1, IP40

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		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E40		70 %
Nominal lifetime	70,000 hour(s)	Photobiological safety according to EN 62471	RG1
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED SON-T	Line Frequency	50 Hz
Flux measurement reference	Sphere	Input Frequency	50 Hz
Warranty period	8 years	Power Consumption	50 W
Light Technical		Lamp Current (Nom)	1,060 mA
Color Code	740 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Luminous Flux	9,000 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	-
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	85-95 V
Luminous Efficacy (rated) (Nom)	180 lm/W	Inrush current at mains	-
Color Consistency	<6	Max. lamp no. on MCB B type 10A - Mains	-
Color rendering index (CRI)	70	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	6

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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	9
Max. lamp no. on MCB B type 16A – Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	10
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	15
Wattage Equivalent (LED HID only)	SON-T 100W
Ballast Compatibility	EM

Temperature

T-Case Maximum (Nom)	52 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	Tubular
Net Weight (Piece)	0.490 kg

Approval and Application

Energy Efficiency Class	C
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Energy Saving Product	Yes
Energy Consumption kWh/1000 h	50 kWh
EPREL Registration Number	1077806
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-30 to +45 °C

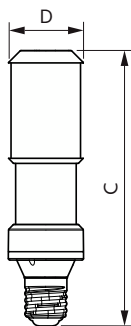
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	MAS LED SON-T IF 9Klm 50W 740 E40
Full product name	MAS LED SON-T IF 9Klm 50W 740 E40
Full product code	871951444897100
Order code	929003467512
Material Nr. (12NC)	929003467512
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514448971
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514448988

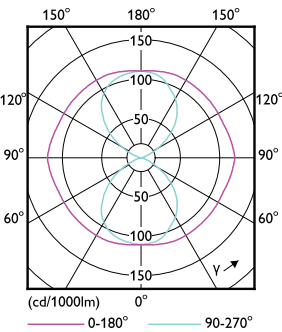
Dimensional drawing



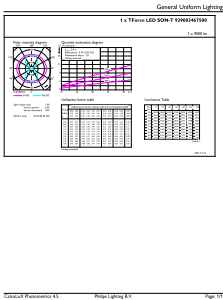
Product	D	C
MAS LED SON-T IF 9Klm 50W 740 E40	71 mm	262 mm

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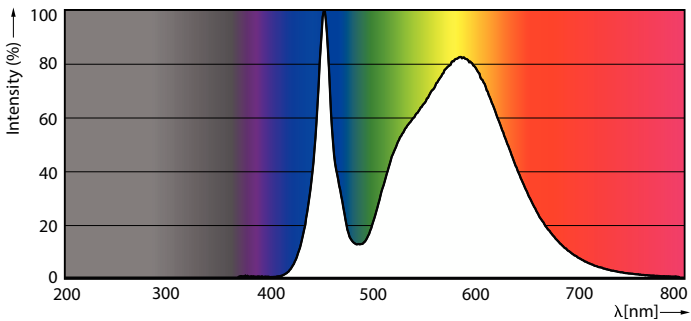
Photometric data



Light Distribution Diagram - MAS LED SON-T IF 9Klm 50W 740 E40

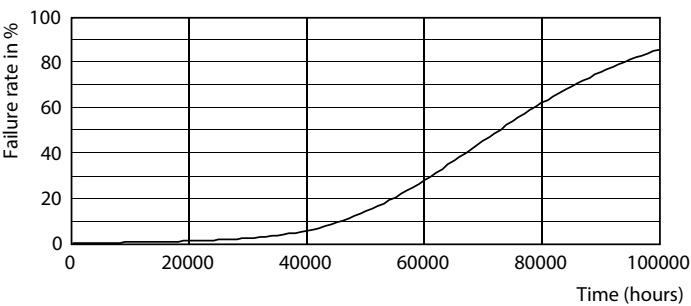


General uniform lighting - MAS LED SON-T IF 9Klm 50W 740 E40

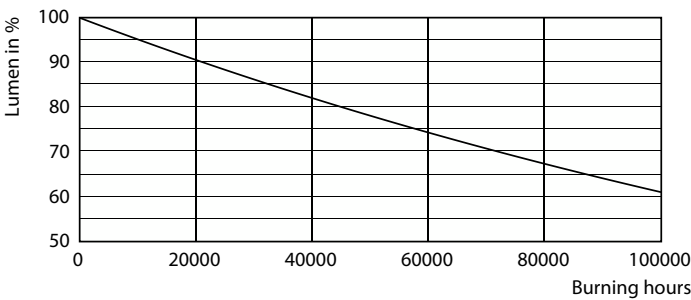


Spectral Power Distribution Colour - MAS LED SON-T IF 9Klm 50W 740 E40

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED SON-T IF 9Klm 50W 740 E40

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