



MASTER - LED HID SON-T



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

MASTER, LED SON-T, Tubular, EM, 65 W, SON-T 150W, E40, 4000 K, 12000 lm, CRI 70, 70000 hour(s)

MASTER, LED SON-T, Tubular, EM, 65 W, LED alternative to SON-T 150W, E40, 4000 K, 12000 lm, CRI 70, 70000 hour(s), 184 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	Photobiological safety according to EN 62471	70 %
Nominal lifetime	70,000 hour(s)		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	65 W
		Lamp Current (Nom)	1,760 mA
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	-
		Voltage (Nom)	80-90 V
		Inrush current at mains	-
		Max. lamp no. on MCB B type 10A - Mains	-
		Max. lamp no. on MCB B type 10A – EM ballast	4
		without Compensation Capacitor.	
Light Technical			
Color Code	740 [CCT of 4000K]		
Luminous Flux	12,000 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	184 lm/W		
Color Consistency	<6		
Color rendering index (CRI)	70		

MASTER - LED HID SON-T

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.	6
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	12
Wattage Equivalent (LED HID only)	SON-T 150W
Ballast Compatibility	EM

Temperature

T-Case Maximum (Nom)	55 °C
----------------------	-------

Controls and Dimming

Dimmable	No
----------	----

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
-------------------------	---

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	65 kWh
EPREL Registration Number	1077791
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-30 to +45 °C

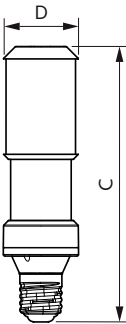
Application Conditions

Wireless Technology	Not applicable
---------------------	----------------

Product Data

Order product name	MAS LED SON-T IF 12Klm 65W 740 E40
Full product name	MAS LED SON-T IF 12Klm 65W 740 E40
Full product code	871951444901500
Order code	929003467712
Material Nr. (12NC)	929003467712
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514449015
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514449022

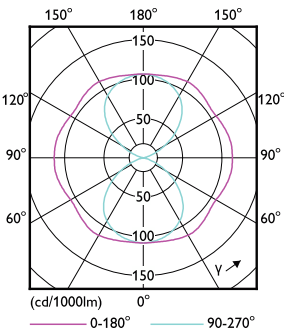
Dimensional drawing



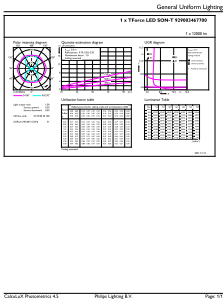
Product	D	C
MAS LED SON-T IF 12Klm 65W 740 E40	71 mm	262 mm

MASTER - LED HID SON-T

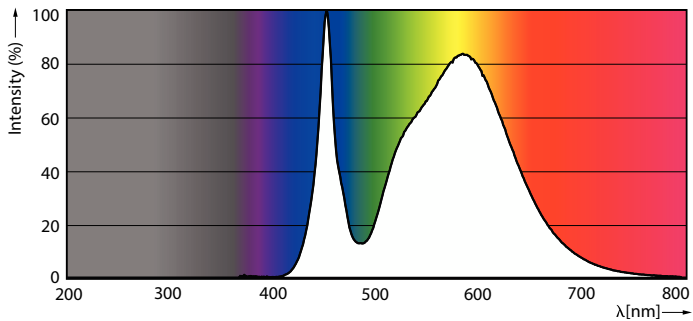
Photometric data



Light Distribution Diagram - MAS LED SON-T IF 12Klm 65W 740 E40

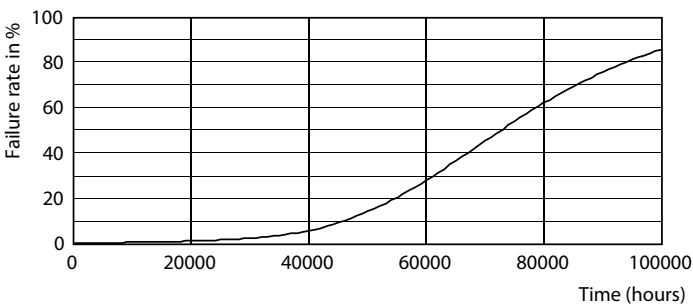


General uniform lighting - MAS LED SON-T IF 12Klm 65W 740 E40

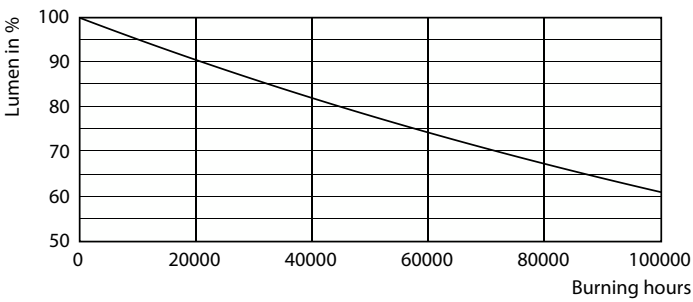


Spectral Power Distribution Colour - MAS LED SON-T IF 12Klm 65W 740 E40

Lifetime



Life Expectancy Diagram



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

MASTER - LED HID SON-T

