



MASTER - LED HID SON-T



MAS LED SON-T EM 4Klm 23W 740 E27

MASTER, LED SON-T, Tubular, EM/Mains, 23 W, SON-T 50W, E27, 4000 K, 4000 lm, CRI 70, 70000 hour(s)

MASTER, LED SON-T, Tubular, EM/Mains, 23 W, LED alternative to SON-T 50W, E27, 4000 K, 4000 lm, CRI 70, 70000 hour(s), 173 lm/W, EEL C, PF 0.9, Glass, RG1, IP40, SVM 2.5, PstLM 1

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 SON-T
Flux measurement reference	Sphere
Warranty period	8 years
Light Technical	
Color Code	740 [CCT of 4000K]
Luminous Flux	4,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	173 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 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	23 W
Lamp Current (Max)	220 mA
Lamp Current (Min)	115 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-240 V
Inrush current at mains	5.85

MASTER - LED HID SON-T

Max. lamp no. on MCB B type 10A - Mains	58
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	58
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	8
Max. lamp no. on MCB B type 16A - Mains	93
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	93
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	14
Wattage Equivalent (LED HID only)	SON-T 50W
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	46 °C
----------------------	-------

Controls and Dimming

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

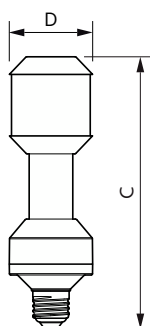
Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	Tubular
Net Weight (Piece)	0.260 kg

Approval and Application

Energy Efficiency Class	C
-------------------------	---

Dimensional drawing



Energy Saving Product	Yes
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1077804
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2.5
Ambient temperature range	-30 to +45 °C

Application Conditions

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

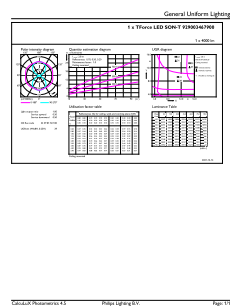
Product Data

Order product name	MAS LED SON-T EM 4Klm 23W 740 E27
Full product name	MAS LED SON-T EM 4Klm 23W 740 E27
Full product code	871951444905300
Order code	929003467918
Material Nr. (12NC)	929003467918
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514449053
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514449060

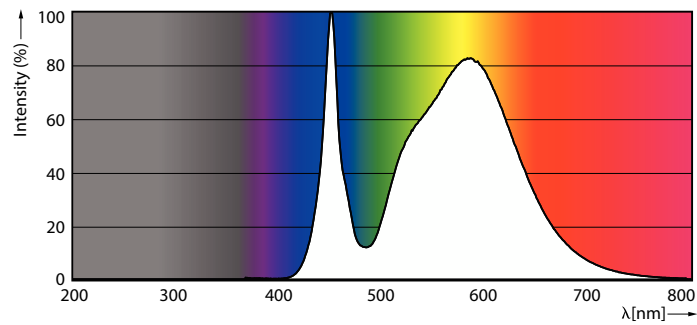
Product	D	C
MAS LED SON-T EM 4Klm 23W 740 E27	61 mm	200 mm

MASTER - LED HID SON-T

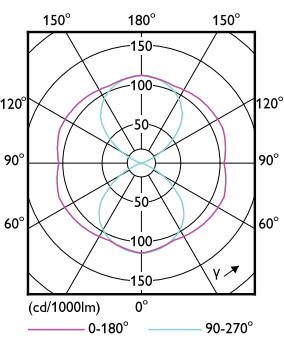
Photometric data



General uniform lighting - MAS LED SON-T EM 4Klm 23W 740 E27

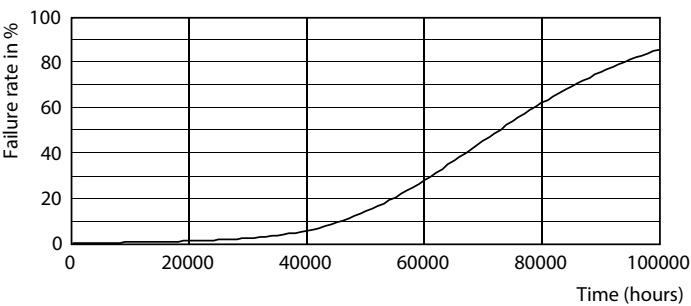


Spectral Power Distribution Colour - MAS LED SON-T EM 4Klm 23W 740 E27

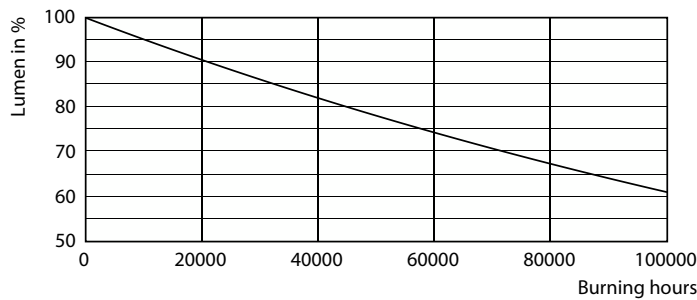


Light Distribution Diagram - MAS LED SON-T EM 4Klm 23W 740 E27

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED SON-T EM 4Klm 23W 740 E27

MASTER - LED HID SON-T

