



MASTER - LED HID SON-T - Ultra Efficient



MAS LED SON-T UE M 5.4Klm 28.5W 727 E27

LED SON-T, T46, Mains only, 28.5 W, SON T 70W, E27, 2700 K, 5400 lm, CRI 70, 50000 hour(s)

LED SON-T, T46, Mains only, 28.5 W, LED alternative to SON T 70W, E27, 2700 K, 5400 lm, CRI 70, 50000 hour(s), 189 lm/W, EEL B, PF 0.9, Beam angle 300 degree(s), Glass, RG1, IP65, SVM 2, PstLM 1

Warnings and Safety

• Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED SON-T
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Color Code	727 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	5,400 lm

Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	189 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	28.5 W

MASTER - LED HID SON-T - Ultra Efficient

Lamp Current (Nom)	125 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Inrush current at mains	29.7
Max. lamp no. on MCB B type 10A - Mains	7
Max. lamp no. on MCB B type 10A - EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A - EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	12
Max. lamp no. on MCB B type 16A - EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - EM ballast with Compensation Capacitor.	-
Wattage Equivalent (LED HID only)	SON T 70W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	42.03 °C
----------------------	----------

Controls and Dimming

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

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T46
Net Weight (Piece)	0.158 kg

Approval and Application

Energy Efficiency Class	B
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	29 kWh
EPREL Registration Number	2096241
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
Ambient temperature range	-30 to +45 °C

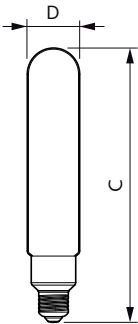
Application Conditions

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

Product Data

Order product name	MAS LED SON-T UE M 5.4Klm 28.5W 727 E27
Full product name	MAS LED SON-T UE M 5.4Klm 28.5W 727 E27
Full product code	872016924033900
Order code	929003677302
Material Nr. (12NC)	929003677302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169240339
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169240346

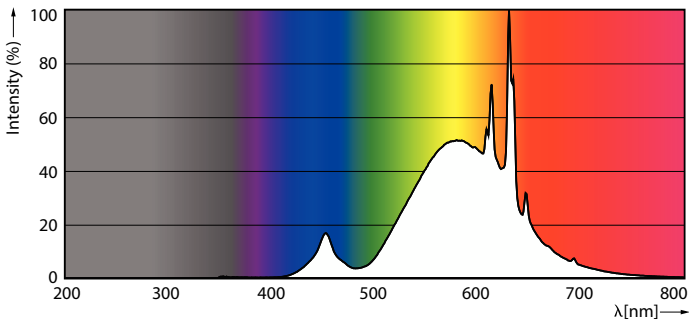
Dimensional drawing



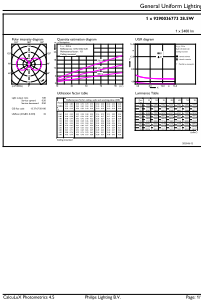
Product	D	C
MAS LED SON-T UE M 5.4Klm 28.5W 727 E27	47 mm	227 mm

MASTER - LED HID SON-T - Ultra Efficient

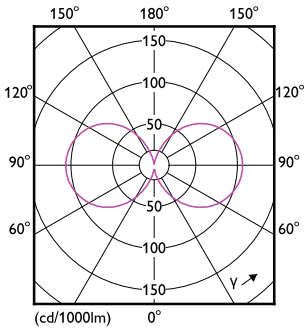
Photometric data



Spectral Power Distribution Colour - MAS LED SON-T UE M 5.4Klm 28.5W 727 E27

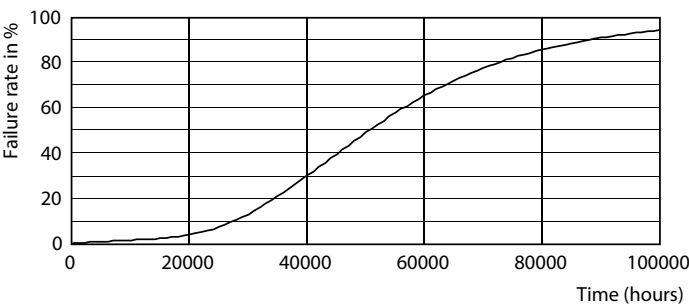


General uniform lighting - MAS LED SON-T UE M 5.4Klm 28.5W 727 E27

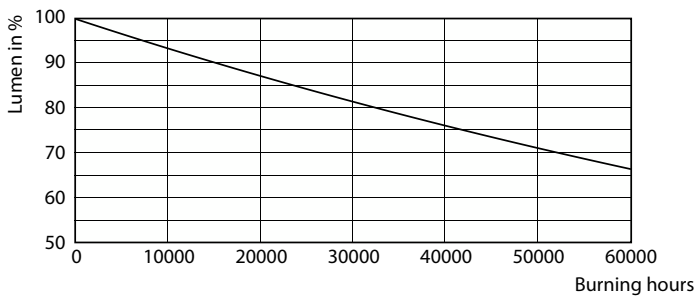


Light Distribution Diagram - MAS LED SON-T UE M 5.4Klm 28.5W 727 E27

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED SON-T UE M 5.4Klm 28.5W 727 E27

MASTER - LED HID SON-T - Ultra Efficient

