



MASTER - LED HID SON-T - Ultra Efficient

MAS LED SON-T UE M 6Klm 28.5W 740 E27

LED SON-T, Tubular, Mains only, 28.5 W, SON-T 70W, E27, 4000 K, 6000 lm, CRI 70, 50000 hour(s)

LED SON-T, Tubular, Mains only, 28.5 W, LED alternative to SON-T 70W, E27, 4000 K, 6000 lm, CRI 70, 50000 hour(s), 210 lm/W, EEL A, 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

Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 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

Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	6,000 lm

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	28.5 W
Lamp Current (Nom)	130 mA

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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	22.1
Max. lamp no. on MCB B type 10A - Mains	12
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	20
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)	48.21 °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)	0.122 kg

Approval and Application

Energy Efficiency Class	A
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	29 kWh
EPREL Registration Number	2096238
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

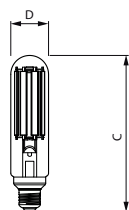
Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

Order product name	MAS LED SON-T UE M 6Klm 28.5W 740 E27
Full product name	MAS LED SON-T UE M 6Klm 28.5W 740 E27
Full product code	872016937425600
Order code	929003677432
Material Nr. (12NC)	929003677432
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169374256
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169374263

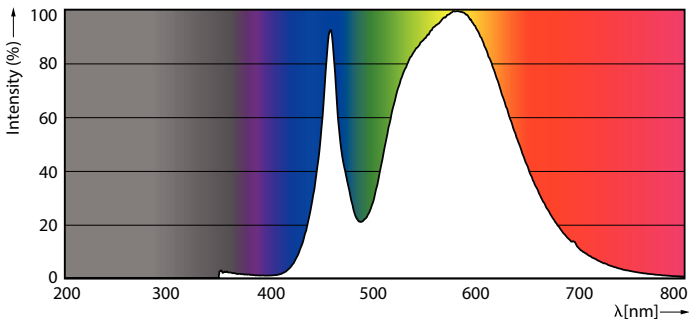
Dimensional drawing



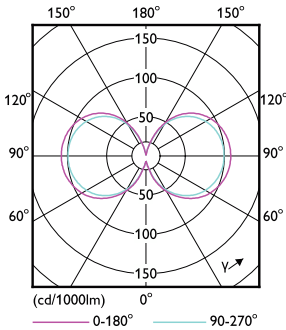
Product	D	C
MAS LED SON-T UE M 6Klm 28.5W 740 E27	47 mm	194 mm

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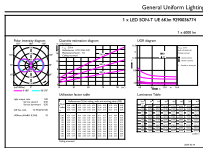
Photometric data



Spectral Power Distribution Colour - MAS LED SON-T UE M 6Klm 28.5W 740 E27



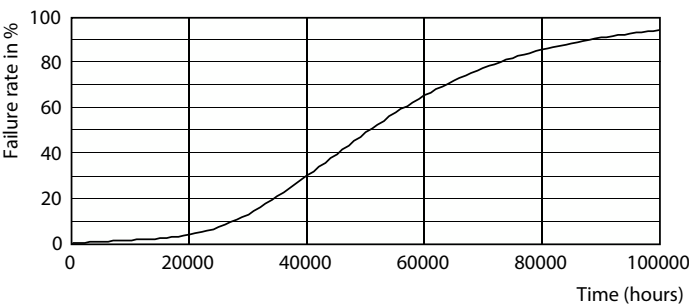
Light Distribution Diagram - MAS LED SON-T UE M 6Klm 28.5W 740 E27



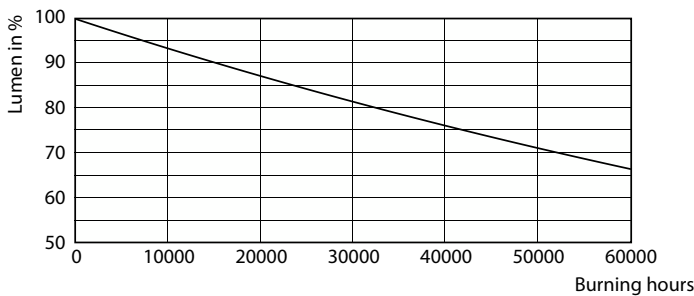
General uniform lighting - MAS LED SON-T UE M 6Klm 28.5W 740 E27

General uniform lighting - MAS LED SON-T UE M 6Klm 28.5W 740 E27

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED SON-T UE M 6Klm 28.5W 740 E27

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