



MASTER - LED HID SON-T



MAS LED SON-T IF 3.6Klm 23W 727 E27

MASTER, LED SON-T, Tubular, EM, 23 W, SON-T 50W, E27, 2700 K, 3600 lm, CRI 70, 70000 hour(s)

MASTER, LED SON-T, Tubular, EM, 23 W, LED alternative to SON-T 50W, E27, 2700 K, 3600 lm, CRI 70, 70000 hour(s), 156 lm/W, EEL D, 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	E27		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	23 W
Light Technical		Lamp Current (Nom)	775 mA
Color Code	727 [CCT of 2700K]	Starting Time (Nom)	0.5 s
Luminous Flux	3,600 lm	Warm-up time to 60% light	0.5 s
Color Designation	Warm White (WW)	Power Factor (Fraction)	-
Correlated Color Temperature (Nom)	2700 K	Voltage (Nom)	48-58 V
Luminous Efficacy (rated) (Nom)	156 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.	9

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Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	14
Max. lamp no. on MCB B type 16A – Mains	-
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	14
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	22
Wattage Equivalent (LED HID only)	SON-T 50W
Ballast Compatibility	EM

Temperature

T-Case Maximum (Nom)	46 °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)	0.250 kg

Approval and Application

Energy Efficiency Class	D
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Energy Saving Product	Yes
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1077800
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	-30 to +45 °C

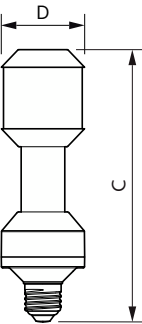
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	MAS LED SON-T IF 3.6Klm 23W 727 E27
Full product name	MAS LED SON-T IF 3.6Klm 23W 727 E27
Full product code	871951444887200
Order code	929003467012
Material Nr. (12NC)	929003467012
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514448872
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514448889

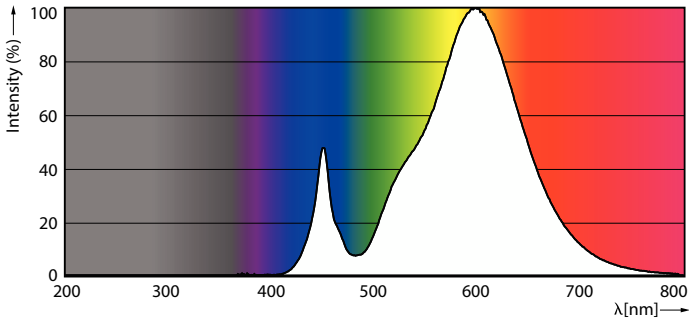
Dimensional drawing



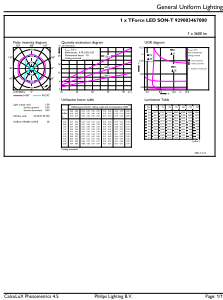
Product	D	C
MAS LED SON-T IF 3.6Klm 23W 727 E27	61 mm	200 mm

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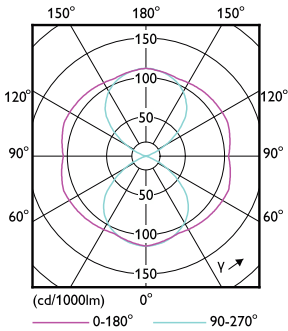
Photometric data



Spectral Power Distribution Colour - MAS LED SON-T IF 3.6Klm 23W 727 E27

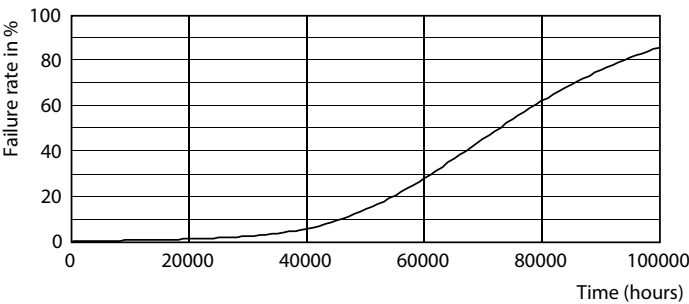


General uniform lighting - MAS LED SON-T IF 3.6Klm 23W 727 E27

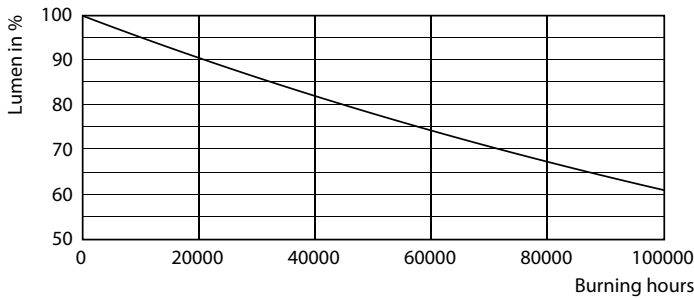


Light Distribution Diagram - MAS LED SON-T IF 3.6Klm 23W 727 E27

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LED SON-T IF 3.6Klm 23W 727 E27

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