# Lighting

**PHILIPS** 



## MASTER - LED HID SON-T

### MAS LED SON-T EM 3.6Klm 23W 727 E27

Philips MASTER - LED HID SON-T lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER – LED HID SON-T solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit MASTER – LED HID SON-T lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast (for IF replacements) or reflector.

#### Warnings and Safety

• Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

#### **Product data**

eral Information		Color Consistency	<6
-Base	E27 [E27]	Color rendering index (CRI)	70
ominal lifetime	70,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
vitching Cycle	50,000	Flickering value (PstLM)	1
hting Technology	LED	Stroboscopic effect value (SVM)	2.5
ux measurement reference	Sphere	Photobiological safety according to EN 624	<b>71</b> RG1
U RoHS compliant	Yes		
		Operating and Electrical	
ght Technical		Line Frequency	50 to 60 Hz
olor Code	727 [CCT of 2700K]	Input Frequency	50 to 60 Hz
uminous Flux	3,600 lumen	Power Consumption	23 W
olor Designation	Warm White (WW)	Wattage Equivalent	50 W
orrelated Color Temperature (Nom)	2700 K	Starting Time (Nom)	0.5 s
uminous Efficacy (rated) (Nom)	156 lm/W	Warm-up time to 60% light	0.5 s

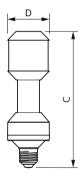
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#### **MASTER - LED HID SON-T**

Power Factor (Fraction)	0.9
Voltage (Nom)	120-240 V
Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	46 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T60 [T 60mm]
Approval and Application	
Energy Efficiency Class	D

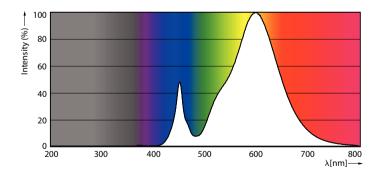
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1077796
Product Data	
Full product code	871951444903900
Order product name	MAS LED SON-T EM 3.6Klm 23W 727 E27
Order code	929003467818
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003467818
Full product name	MAS LED SON-T EM 3.6Klm 23W 727 E27
EAN/UPC - Case	8719514449046
EAN/UPC - Product/Case	8719514449039

#### Dimensional drawing



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

#### Photometric data



1×11	Farce LED SON-T \$29682467880
	1 x 3430 in
Values for use	VOT depen

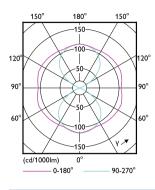
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Spectral Power Distribution Colour

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

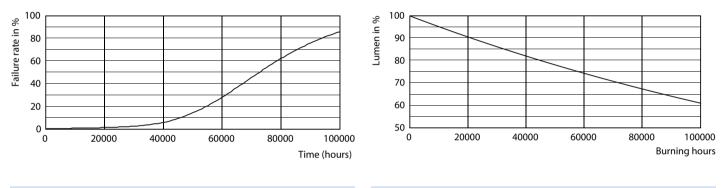
#### **MASTER - LED HID SON-T**

#### Photometric data



Light Distribution Diagram

#### Lifetime



Life Expectancy Diagram - MAS LED SON-T EM 3.6Klm 23W 727 E27

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



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