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	71 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

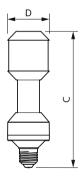
A ↑ G

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

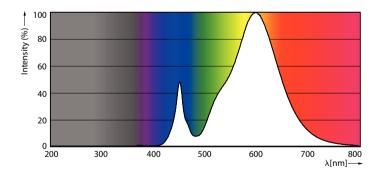
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1077796
Product Data	
Full product code	871951444903900
Order product name	MAS LED SON-T EM 3.6Klm 23W 727 E27
Order code	929003467818
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003467818
Full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

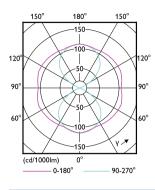
IduLuX Protometrics 4.5 Philips Lighting B.Y. Page 51

Spectral Power Distribution Colour

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

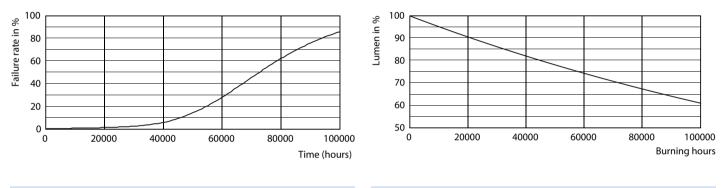
MASTER - LED HID SON-T

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 26 - data subject to change