PHILIPS Lighting



MASTER - LED HID SON-T

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

Philips LED Road lamps are an easy LED solution with a short payback period to replace High Intensity Discharge (HID) and High Pressure Sodium (SON) lamps. TrueForce LED 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 TrueForce LED road lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast or reflector.

Warnings and Safety

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

Product data

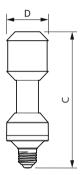
eneral Information		Color rendering index (CRI)	70
ap-Base	E27 [E27]	LLMF At End Of Nominal Lifetime (Nom)	70 %
J RoHS compliant	Yes		
minal lifetime	70,000 hour(s)	Operating and Electrical	
itching Cycle	50,000	Line Frequency	50 Hz
hting Technology	LED	Input Frequency	50 Hz
ux measurement reference	Sphere	Power Consumption	23 W
		Lamp Current (Nom)	775 mA
ht Technical		Wattage Equivalent	50 W
or Code	727 [CCT of 2700K]	Starting Time (Nom)	0.5 s
minous Flux	3,600 lumen	Warm-up time to 60% light	0.5 s
olor Designation	Warm White (WW)	Voltage (Nom)	48-58 V
orrelated Color Temperature (Nom)	2700 K		
ninous Efficacy (rated) (Nom)	156 lm/W	Temperature	
olor Consistency	<6	Ambient temperature range	-40 °C to 55 °C

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T-Case Maximum (Nom)	46 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	T60 [T 60mm]
Approval and Application	
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1,077,800

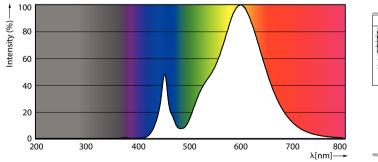
Product Data		
Full product code	871951444887200	
Order product name	MAS LED SON-T IF 3.6Klm 23W 727 E27	
Order code	929003467012	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	929003467012	
Net weight	0.250 kg	
Full product name	MAS LED SON-T IF 3.6Klm 23W 727 E27	
EAN/UPC - Case	8719514448889	

Dimensional drawing



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

Photometric data

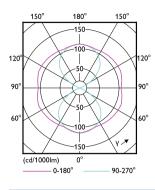


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Spectral Power Distribution Colour

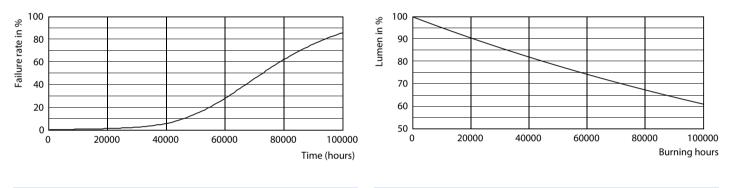
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Photometric data



Light Distribution Diagram

Lifetime



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

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



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www.lighting.philips.com 2023, May 5 - data subject to change