



MASTER SON-T PIA Plus

MST SON-T PIA Plus 400W E E40

High Pressure Sodium lamp with clear tubular outer bulb, high output and long reliable lifetime

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

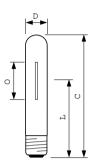
General Information		Voltage (Nom)	105 V	
Cap-Base	E40 [E40]			
Operating Position	UNIVERSAL [Any or Universal (U)]	Controls and Dimming		
Life to 50% Failures (Nom)	36,000 hour(s)	Dimmable	Yes	
Light Technical		Mechanical and Housing		
Color Code	220 [CCT of 2000K]	Bulb Finish	Clear	
Chromaticity Coordinate X (Nom)	0.535	Bulb Shape T46 [T 46mm]		
Chromaticity Coordinate Y (Nom)	0.420			
Correlated Color Temperature (Nom)	2000 K	Approval and Application		
Luminous Efficacy (rated) (Nom)	137 lm/W	Mercury (Hg) Content (Nom) 20 mg		
Arc Length O (Nom)	83 mm	Energy Consumption kWh/1000 h	nergy Consumption kWh/1000 h 449 kWh	
Operating and Electrical		Product Data		
Power Consumption	408.0 W	Order product name MST SON-T PIA Plus 400W E E40		
Voltage (Nom)	105 V	Full product name	MST SON-T PIA Plus 400W E E40	
		Full product code	872790095105900	

MASTER SON-T PIA Plus

Order code	928144809292		
Material Nr. (12NC)	928144809292		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8727900951059		

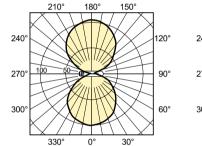
Numerator - Packs per outer box	12	
EAN/UPC - Case	8727900951066	

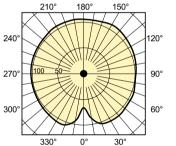
Dimensional drawing



Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 400W E E40	48 mm	83 mm	175 mm	279 mm

Photometric data





300 ŧ

250

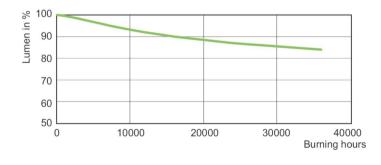
200 150



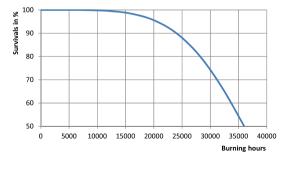
[µW / 5nm / lumen] 100 50 300 400 500 600 700 λ[nm]—

Spectral Power Distribution Colour - MST SON-T PIA Plus 400W E E40

Lifetime



Lumen Maintenance Diagram - MST SON-T PIA Plus 400W E E40



Life Expectancy Diagram - MST SON-T PIA Plus 400W E E40

Datasheet, 2023, October 10

MASTER SON-T PIA Plus



© 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, October 10 - data subject to change