



MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 100W E40 1SL/12

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					
Cap-Base	E40 [E40]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	28,000 hour(s)				
Light Technical					
Color Code	220 [CCT of 2000K]				
Luminous Flux	10,600 lm				
Chromaticity Coordinate X (Nom)	0.535				
Chromaticity Coordinate Y (Nom)	0.42				
Correlated Color Temperature (Nom)	2000 K				
Luminous Efficacy (rated) (Nom)	105 lm/W				
Color rendering index (CRI)	-				
Operating and Electrical					
Power Consumption	101.0 W				

Voltage (Nom)	100 V
Voltage (Nom)	100 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	16.3 mg
Mercury (Hg) Content (Nom)	14.3 mg
Energy Consumption kWh/1000 h	101 kWh
EPREL Registration Number	473289

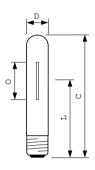
Datasheet, 2023, April 16 data subject to change

MASTER SON-T PIA Plus

Product Data				
Order product name	MST SON-T PIA Plus 100W E40 1SL/12			
Full product name	MASTER SON-T PIA Plus 100W E40 1SL/12			
Full product code	871829118071500			
Order code	18071500			
Material Nr. (12NC)	928483300095			

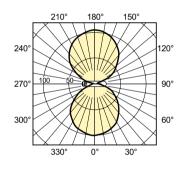
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291180715
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291180722

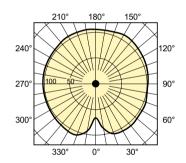
Dimensional drawing

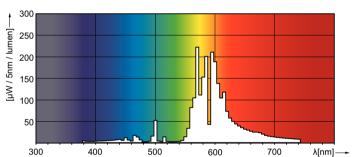


Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 100W E40 1SL/12	47 mm	47 mm	132 mm	209 mm

Photometric data



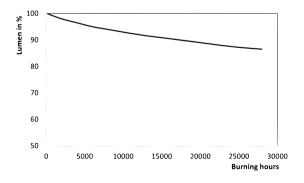




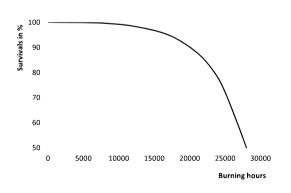
Light Distribution Diagram - MST SON-T PIA Plus 100W E40 1SL/12

Spectral Power Distribution Colour - MST SON-T PIA Plus 100W E40 1SL/12

Lifetime







Life Expectancy Diagram

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.