



MASTER SON-T PIA Plus

MST 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				
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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			

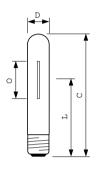
Datasheet, 2023, April 14 data subject to change

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

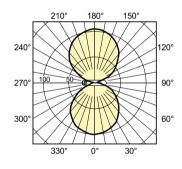
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291180715
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291180722

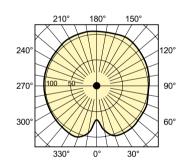
Dimensional drawing

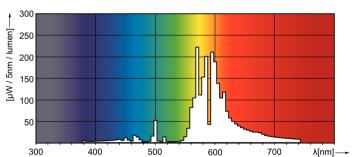


Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 100W E40 1SL/12	47 mm	47 mm	132 mm	209 mm

Photometric data



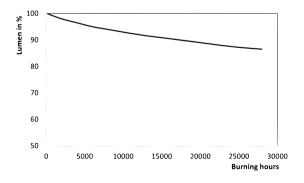




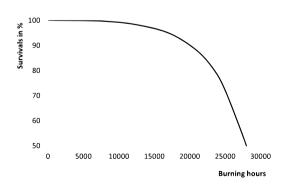
Light Distribution Diagram - MST SON-T PIA Plus 100W E40 1SL/12

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

Lifetime







Life Expectancy Diagram

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