



MASTER SON-T PIA Plus

MST SON-T PIA Plus 250W E 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)
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- 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.
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Product data

General Information					
Cap-Base	E40 [E40]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	36,000 hour(s)				
Light Technical					
Color Code	220 [CCT of 2000K]				
Luminous Flux	33,000 lm				
Chromaticity Coordinate X (Nom)	0.535				
Chromaticity Coordinate Y (Nom)	0.420				
Correlated Color Temperature (Nom)	2000 K				
Luminous Efficacy (rated) (Nom)	125 lm/W				

Color rendering index (CRI)	-
Arc Length O (Nom)	64 mm
Operating and Electrical	
Power Consumption	264 W
Voltage (Nom)	109 V
Voltage (Nom)	109 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear

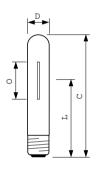
Datasheet, 2023, April 14 data subject to change

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Bulb Shape	T46 [T 46mm]
Approval and Application	
Energy Efficiency Class	E
Mercury (Hg) Content (Max)	15.1 mg
Mercury (Hg) Content (Nom)	15.1 mg
Energy Consumption kWh/1000 h	257 kWh
EPREL Registration Number	1436305
Product Data	
Order product name	MST SON-T PIA Plus 250W E E40 1SL/12

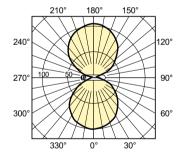
Full product name	MST SON-T PIA Plus 250W E E40 1SL/12				
Full product code	871150017987615				
Order code	928144709230				
Material Nr. (12NC)	928144709230				
Local order code	9281-447-09230				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8711500179876				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8711500182937				

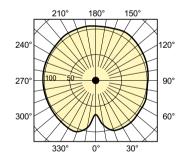
Dimensional drawing

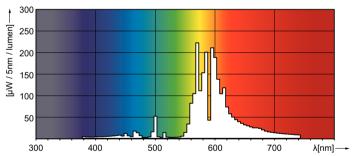


Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 250W E E40 1SL/12	48 mm	64 mm	158 mm	257 mm

Photometric data





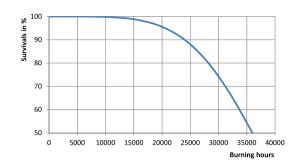


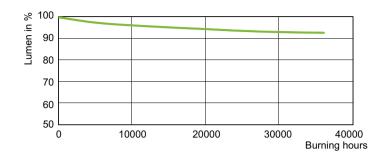
Light Distribution Diagram - MST SON-T PIA Plus 250W E E40 1SL/12

Spectral Power Distribution Colour - MST SON-T PIA Plus 250W E E40 1SL/12

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Lifetime





Life Expectancy Diagram - MST SON-T PIA Plus 250W E E40 1SL/12

Lumen Maintenance Diagram - MST SON-T PIA Plus 250W E E40 1SL/12



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