



MASTER SON-T PIA Plus

MST SON-T PIA Plus 100W/220 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)	29,000 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)	-
Arc Length O (Nom)	47 mm

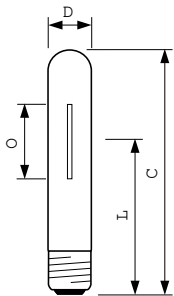
Operating and Electrical	
Power Consumption	101.0 W
Voltage (Nom)	100 V
Voltage (Nom)	100 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	16.3 mg
Mercury (Hg) Content (Nom)	16.3 mg
Energy Consumption kWh/1000 h	101 kWh

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EPREL Registration Number	473389
Product Data	
Order product name	MST SON-T PIA Plus 100W/220 E40 1SL/12
Full product name	MST SON-T PIA Plus 100W/220 E40 1SL/12
Full product code	871150019230115
Order code	928151709230

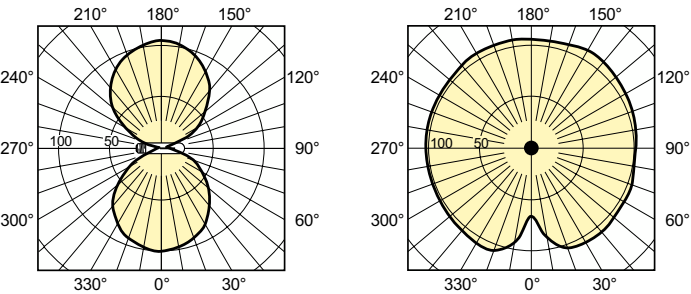
Material Nr. (12NC)	928151709230
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500192301
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500192745

Dimensional drawing

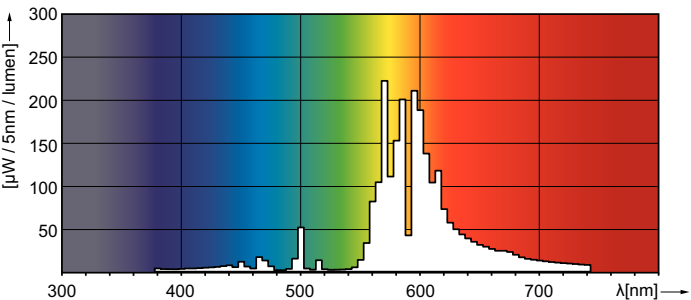


Product	D (max)	O	L	C (max)
MST SON-T PIA Plus 100W/220 E40 1SL/12	48 mm	47 mm	132 mm	210 mm

Photometric data



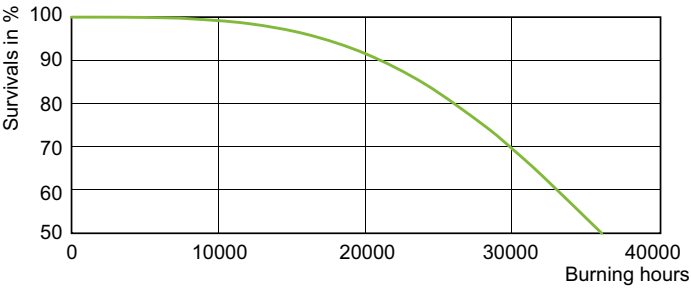
Light Distribution Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12



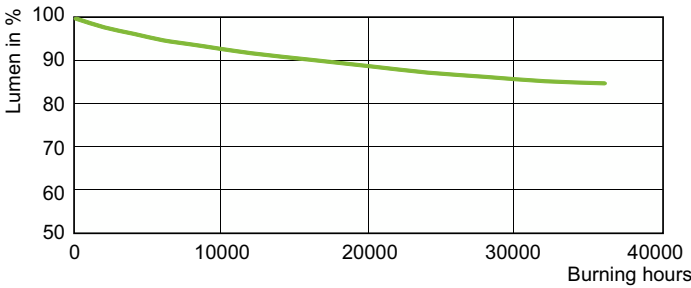
Spectral Power Distribution Colour - MST SON-T PIA Plus 100W/220 E40 1SL/12

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Lifetime



Life Expectancy Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12



Lumen Maintenance Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12

