



# 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 lumen			
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)	16.3 mg		
Energy Consumption kWh/1000 h	101 kWh		
EPREL Registration Number	473389		

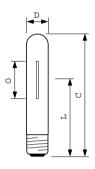
Datasheet, 2023, October 17 data subject to change

## **MASTER SON-T PIA Plus**

Product Data	
Full product code	871150019230115
Order product name	MST SON-T PIA Plus 100W/220 E40 1SL/12
Order code	928151709230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12

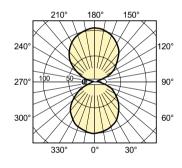
Material Nr. (12NC)	928151709230
Full product name	MST SON-T PIA Plus 100W/220 E40 1SL/12
EAN/UPC - Case	8711500192745
EAN/UPC - Product/Case	8711500192301

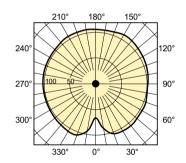
## Dimensional drawing

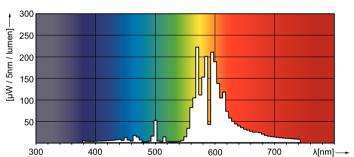


Product	D (max)	0	L	C (max)
MST SON-T PIA Plus 100W/220 E40 1SL/12	48 mm	47 mm	132 mm	210 mm

#### Photometric data



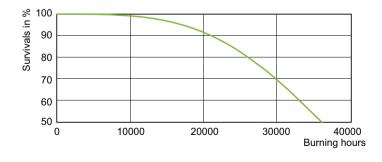


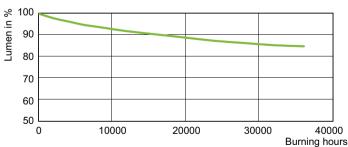


Light Distribution Diagram - MST SON-T PIA Plus 100W/220 E40 1SL/12

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

#### 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

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