



MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 50W/220 E27 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.
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

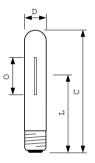
General Information		Arc Length O (Nom)	35 mm
Cap-Base	E27 [E27]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	54.5 W
Life to 50% Failures (Nom)	30,000 hour(s)	Voltage (Nom)	91 V
		Voltage (Nom)	91 V
Light Technical			
Color Code	220 [CCT of 2000K]	Controls and Dimming	
Luminous Flux	4,500 lm	Dimmable	Yes
Chromaticity Coordinate X (Nom)	0.54		
Chromaticity Coordinate Y (Nom)	0.42	Mechanical and Housing	
Correlated Color Temperature (Nom)	1900 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	83 lm/W	Bulb Shape	T35 [T 35mm]
Color rendering index (CRI)	-		

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Approval and Application		
Energy Efficiency Class	G	
Mercury (Hg) Content (Max)	9.8 mg	
Mercury (Hg) Content (Nom)	9.8 mg	
Energy Consumption kWh/1000 h	55 kWh	
EPREL Registration Number	473390	
Product Data		
Order product name	MST SON-T PIA Plus 50W/220 E27 ISL/12	
Full product name	MASTER SON-T PIA Plus 50W/220 E27 1SL/12	

Full product code	871150019265315
Order code	290452
Material Nr. (12NC)	928151900028
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500192653
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500193094

Dimensional drawing



MST SON-T PIA Plus 50W/220 E27 1-7/16 inch 1-3/8 inch 4-1/8 inch 6-3/16 inch 1SL/12

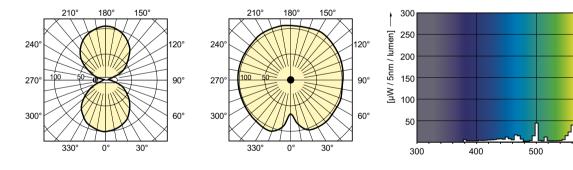
D (max) O

L

C (max)

Product

Photometric data



Light Distribution Diagram - MST SON-T PIA Plus 50W/220 E27 ISL/12

Spectral Power Distribution Colour - MST SON-T PIA Plus 50W/220 E27 1SL/12

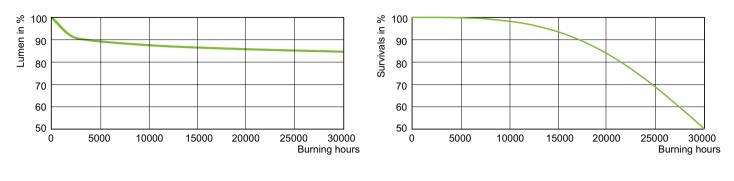
600

700

λ[nm] —

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Lifetime



Lumen Maintenance Diagram - MST SON-T PIA Plus 50W/220 E27 1SL/12

Life Expectancy Diagram - MST SON-T PIA Plus 50W/220 E27 1SL/12



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www.lighting.philips.com 2023, August 16 - data subject to change