



MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 150W E E40

High Pressure Sodium lamp with clear tubular outer bulb, high output and long reliable lifetime

Product data

General Information		Color Rendering Index (Max)	
Cap-Base	E40 [E40]	Color Rendering Index (Max)	25
Operating Position	UNIVERSAL [Any or Universal (U)]	Color Rendering Index (Nom)	-
Life to 5% Failures (Nom)	20500 h	Operating and Electrical	
Life to 10% Failures (Nom)	24000 h	Lamp supply voltage	110 V [110]
Life to 20% Failures (Nom)	28000 h	Power (Rated) (Nom)	154.0 W
Life to 50% Failures (Nom)	32000 h	Lamp Current (EM) (Nom)	1.8 A
ANSI Code HID	-	Ignition Supply Voltage (Max)	198 V
System Description	External Ignitor	Ignition Peak Voltage (Max)	2800 V
		Re-Ignition Time (Min) (Max)	180 s
		Ignition Time (Max)	5 s
		Voltage (Max)	115 V
		Voltage (Min)	85 V
		Voltage (Nom)	100 V
Light Technical		Controls and Dimming	
Color Code	220 [CCT of 2000K]	Dimmable	No
Luminous Flux (Rated) (Min)	14500 lm	Run-Up Time 90% (Max)	4 min
Luminous Flux (Rated) (Nom)	18000 lm	Mechanical and Housing	
Lumen Maintenance 2000 h (Min)	94 %	Bulb Finish	Clear
Lumen Maintenance 2000 h (Nom)	97 %		
Lumen Maintenance 5000 h (Min)	88 %		
Lumen Maintenance 5000 h (Nom)	95 %		
Chromaticity Coordinate X (Nom)	535		
Chromaticity Coordinate Y (Nom)	420		
Correlated Color Temperature (Nom)	2000 K		
Luminous Efficacy (Rated) (Nom)	117 lm/W		

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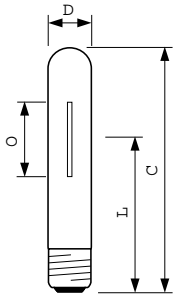
Cap-Base Information	-
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	13.9 mg
Energy Consumption kWh/1000 h	169 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

Product Data	
Full product code	872790095097700
Order product name	MASTER SON-T PIA Plus 150W E E40
EAN/UPC - Product	8727900950977
Order code	928483400094
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928483400094
Net Weight (Piece)	0.110 kg

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.

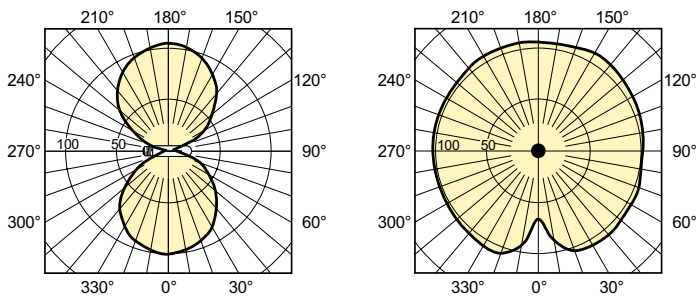
Dimensional drawing



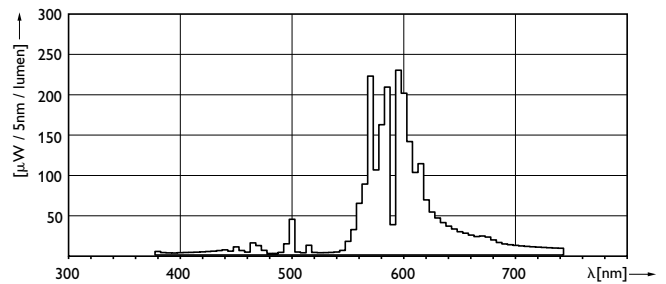
SON-T Plus 150W E E40

Product	D (max)	L	C (max)
MASTER SON-T PIA Plus 150W E E40	47 mm	132 mm	209 mm

Photometric data



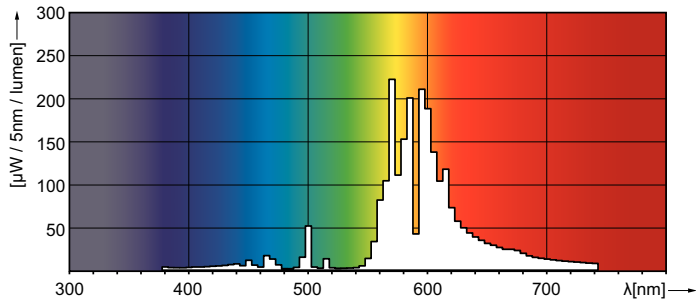
MASTER SON-T PIA



MASTER SON-T PIA Plus 100W, 150W & 250W

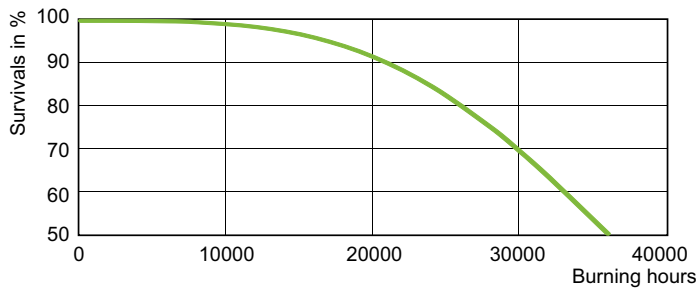
MASTER SON-T PIA Plus

Photometric data

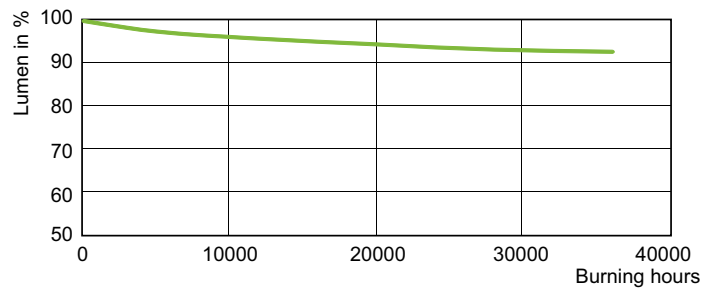
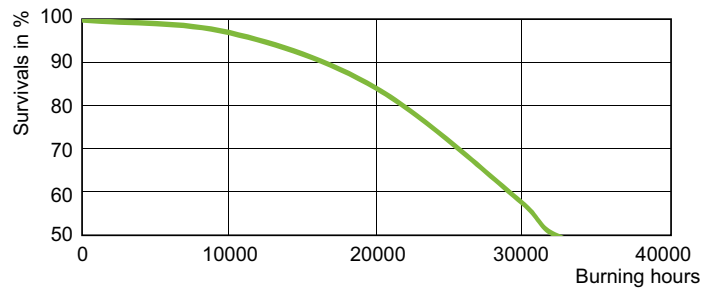


MASTER SON-T PIA Plus 100W, 150W, 250W

Lifetime



MASTER SON-T PIA Plus 100 W, 150 W Life Expectancy E40



MASTER SON-T PIA Plus 150 W, 250 W Lumen Maintenance E40

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