



# The most reliable solution in road lighting

## MASTER SON-T PIA Plus

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

### Benefits

- Initial investment saving options with "Plus" concept
- High lumen output, maintained over life
- Minimal maintenance cost

### Features

- Clear tubular outer bulb
- Ceramic discharge tube with Unique Philips Integrated Antenna (PIA) concept enabling long and reliable lifetime
- "Plus" concept with high efficacy translates into high light output and improved lumen maintenance
- Robust construction with few welding points is highly vibration- and shock-resistant, further reducing early failures and extending lamp life
- Dimmable

### Application

- Road and residential lighting
- Decorative floodlighting, illumination
- Industrial area lighting
- Recreational sports facilities indoor and outdoor

# MASTER SON-T PIA Plus

## 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.

## Versions

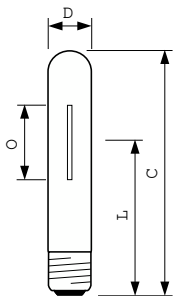


LPPR SON-TPIA Plus E40



LPPR SON-TPIA 0007

## Dimensional drawing



Product	D (max)	O	L	C (max)
MST SON-T PIA Plus 70W/220 E27 1SL/12	36 mm	42 mm	104 mm	156 mm
SON-T PIA PLUS 250W E E40 1SL/12	48 mm	64 mm	158 mm	257 mm

General Information	
Operating Position	UNIVERSAL
Light Technical	
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear

## General Information

Order Code	Full Product Name	Cap-Base
928144709295	SON-T PIA PLUS 250W E E40 1SL/12	E40

Order Code	Full Product Name	Cap-Base
928152700028	MST SON-T PIA Plus 70W/220 E27 1SL/12	E27

## Light Technical

MASTER SON-T PIA Plus

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color	Luminous Efficacy (rated)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	(Nom)	
928144709295	SON-T PIA PLUS 250W E E40 1SL/12	0.535	0.420	2000 K	125 lm/W	32,100 lm
928152700028	MST SON-T PIA Plus 70W/220 E27 1SL/12	0.54	0.42	1900 K	90 lm/W	6,650 lm

Operating and Electrical

Order Code	Full Product Name	Power	
		Voltage (Nom)	Consumption
928144709295	SON-T PIA PLUS 250W E E40 1SL/12	102 V	257.0 W

Order Code	Full Product Name	Power	
		Voltage (Nom)	Consumption
928152700028	MST SON-T PIA Plus 70W/220 E27 1SL/12	92 V	74 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928144709295	SON-T PIA PLUS 250W E E40 1SL/12	T46

Order Code	Full Product Name	Bulb Shape
928152700028	MST SON-T PIA Plus 70W/220 E27 1SL/12	T35

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption kWh/1000 h	(Hg) Content (Max)	(Hg) Content (Nom)
928144709295	SON-T PIA PLUS 250W E E40 1SL/12	286 kWh	-	15.1 mg
928152700028	MST SON-T PIA Plus 70W/220 E27 1SL/12	73 kWh	12.2 mg	12.2 mg

