



Product Description

MASTER SON-T PIA Plus

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

Benefits

- Superior technology results in a long and reliable lifetime, high lumen maintenance and a reliable ignition over lifetime
- High energy efficacy and absence of lead (Pb) makes this a sound environmental offer
- High luminous efficacy makes this the most energy efficient HPS lamp

Features

- Clear tubular outer bulb
- Ceramic discharge tube with Philips Integrated Antenna (PIA) for a long and reliable lifetime
- Robust construction with few welding points is highly vibration- and shock-resistant, further reducing early failures and extending lamp life
- ZrCo getter ensures high lumen maintenance and few early failures
- "Plus" concept with high efficacy translated into high light output
- Completely lead-free lamps

Application

- Road and residential lighting
- Decorative floodlighting, illumination
- Industrial area lighting
- Recreational sports facilities Outdoor and Indoor
- Horticultural lighting

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.

MASTER SON-T PIA Plus

Versions

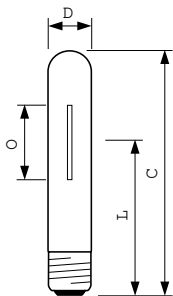


LPPR SON-TPIA Plus E40



LPPR SON-TPIA 0007

Dimensional drawing



Product	D (max)	O	L	C (max)
MST SON-T PIA Plus 400W E E40 1SL/12	48 mm	83 mm	175 mm	279 mm
MST SON-T PIA Plus 50W/220 E27 1SL/12	36 mm	35 mm	104 mm	156 mm

General Information	
Operating position	UNIVERSAL
Light Technical	
Chromaticity Coordinate Y (Nom)	0.42
Colour rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Clear

General Information

Order Code	Full Product Name	Cap base
17988315	MASTER SON-T PIA Plus 400W E E40 1SL/12	E40

Order Code	Full Product Name	Cap base
19265315	MASTER SON-T PIA Plus 50W/220 E27 1SL/12	E27

Light Technical

MASTER SON-T PIA Plus

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
17988315	MASTER SON-T PIA Plus 400W E E40 1SL/12	0.535	2000 K	137 lm/W	55,900 lm
19265315	MASTER SON-T PIA Plus	0.54	1900 K	83 lm/W	4,500 lm

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
	50W/220 E27 1SL/12				

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
17988315	MASTER SON-T PIA Plus 400W E E40 1SL/12	105 V	408.0 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
19265315	MASTER SON-T PIA Plus 50W/220 E27 1SL/12	91 V	54.5 W

Mechanical and Housing

Order Code	Full Product Name	Bulb shape
17988315	MASTER SON-T PIA Plus 400W E E40 1SL/12	T46

Order Code	Full Product Name	Bulb shape
19265315	MASTER SON-T PIA Plus 50W/220 E27 1SL/12	T35

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
17988315	MASTER SON-T PIA Plus 400W E E40 1SL/12	408 kWh	19.6 mg	20 mg
19265315	MASTER SON-T PIA Plus 50W/220 E27 1SL/12	55 kWh	9.8 mg	9.8 mg

