



The longest life and most reliable solution in road lighting

MASTER SON-T APIA Plus Xtra

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

Benefits

- Most-cost effective solution (both initial as well as running cost) in this category
- 6 years service life
- Highest lumen output, maintained over life

Features

- Completely lead-free lamps with tubular outer bulb
- Ceramic discharge tube with new Active Philips Integrated Antenna (APIA) for up to 6 years service lifetime (Xtra)
- Robust construction with few welding points is highly vibration- and shock-resistant, further reducing early failures and extending lamp life
- "Plus" concept with high efficacy for high light output
- Special versions of the 250W and 400W lamps of the MASTER SON(-T) APIA Plus Xtra range are compatible with electronic gear using HF operation of the lamps. HF Control gear requirements (LDi guideline) and lamp performance specifications on HF ballasts can be obtained from the local Philips representative

Application

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

MASTER SON-T APIA Plus Xtra

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- HF gear must comply with Philips LDi guideline
- 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

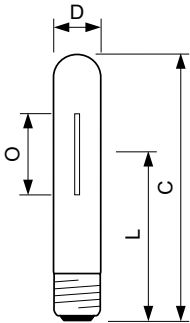


LPPR SONTAPIA Plus-Xtra E27



LPPR SONTAPIA Plus-Xtra E40

Dimensional drawing



Product	D (max)	O	L	C (max)
MST SON-T APIA Plus Xtra 400W E40 1SL/12	48 mm	83 mm	175 mm	283 mm
MST SON-T APIA Plus Xtra 70W E27 1SL/12	36 mm	42 mm	102 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
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	E27

MASTER SON-T APIA Plus Xtra

Order Code	Full Product Name	Cap base
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	E40

Light Technical

Order Code	Full Product Name	Chromaticity	Correlated Colour	Luminous efficacy	Luminous Flux
		Coordinate X (Nom)	Temperature (Nom)	(rated) (nom.)	
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	0.54	1900 K	96 lm/W	7,200 lm
928150519227	MST SON-T APIA Plus	0.535	2000 K	140 lm/W	55,400 lm

Order Code	Full Product Name	Chromaticity	Correlated Colour	Luminous efficacy	Luminous Flux
		Coordinate X (Nom)	Temperature (Nom)	(rated) (nom.)	
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12				

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	92 V	75.0 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	98 V	397.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb shape
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	T35

Order Code	Full Product Name	Bulb shape
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	T46

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	75 kWh	12.2 mg	12.2 mg
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	397 kWh	19.6 mg	19.6 mg

