



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

- Tubular outer bulb
- Ceramic discharge tube with new Active Philips Integrated Antenna (APIA) for an improved and prolonged long and reliable lifetime 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 translated into high light output
- Completely lead-free lamps

Application

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

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)

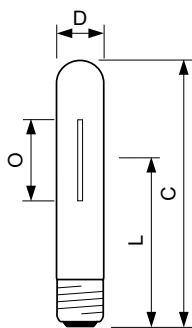
MASTER SON-T APIA Plus Xtra

Versions



LPPR SONTAPIA Plus-Xtra E27

Dimensional drawing



Product	D (max)	O	L	C (max)
MST SON-T APIA Plus Xtra 100W E40 1SL/12	48 mm	47 mm	132 mm	210 mm
MST SON-T APIA Plus Xtra 250W E40 1SL/12	48 mm	65 mm	158 mm	257 mm
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
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	E27
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	E40

Order Code	Full Product Name	Cap-Base
928150419230	MST SON-T APIA Plus Xtra 250W E40 1SL/12	E40
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	E40

Light Technical

MASTER SON-T APIA Plus Xtra

Order Code	Full Product Name	Chromaticity	Correlated Color	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
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	0.535	2000 K	110 lm/W	11,550 lm
928150419230	MST SON-T APIA Plus	0.535	2000 K	132 lm/W	33,700 lm

Order Code	Full Product Name	Chromaticity	Correlated Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Temperature (Nom)	(rated) (Nom)	
928150119227	Xtra 250W E40 1SL/12				
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	0.535	2000 K	140 lm/W	55,400 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(Nom)	(Nom)	Consumption
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	-	92 V	75.0 W
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	1,150 mA	108 V	105 W

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(Nom)	(Nom)	Consumption
928150419230	MST SON-T APIA Plus Xtra 250W E40 1SL/12	-	99 V	255.0 W
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	-	98 V	397.0 W

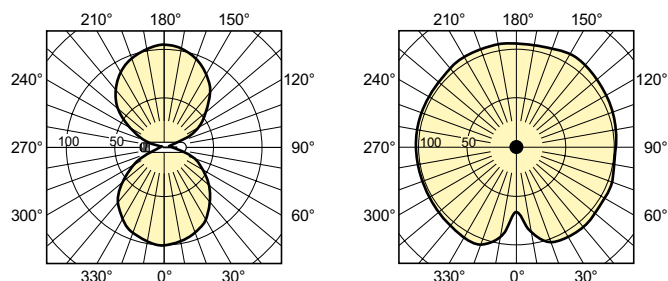
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	T35
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	T46

Order Code	Full Product Name	Bulb Shape
928150419230	MST SON-T APIA Plus Xtra 250W E40 1SL/12	T46
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	T46

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg) Content	Mercury (Hg) Content
		kWh/1000 h	(Max)	(Nom)
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	75 kWh	12.2 mg	12.2 mg
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	103 kWh	16.3 mg	16.3 mg
928150419230	MST SON-T APIA Plus Xtra 250W E40 1SL/12	255 kWh	15.1 mg	15.1 mg
928150519227	MST SON-T APIA Plus Xtra 400W E40 1SL/12	397 kWh	19.6 mg	19.6 mg



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