



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)

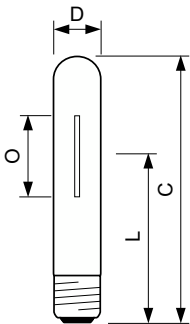
MASTER SON-T APIA Plus Xtra

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 150W E40 1SL/12	48 mm	61 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 50W E27 1SL/12	36 mm	35 mm	102 mm	156 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
93358100	MASTER SON-T APIA Plus Xtra 50W E27 1SL/12	E27
92290500	MASTER SON-T APIA Plus Xtra 70W E27 1SL/12	E27
92323000	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12	E40

Order Code	Full Product Name	Cap base
92733700	MASTER SON-T APIA Plus Xtra 150W E40 1SL/12	E40
92737500	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	E40
92741200	MASTER SON-T APIA Plus Xtra 400W E40 1SL/12	E40

Light Technical

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Order Code	Full Product Name	Chromaticity	Correlated Colour	Luminous efficacy	Luminous Flux
		Coordinate X (Nom)	Temperature (Nom)	(rated) (nom.)	
93358100	MASTER SON-T APIA Plus Xtra 50W E27 1SL/12	0.54	1900 K	83 lm/W	4,500 lm
92290500	MASTER SON-T APIA Plus Xtra 70W E27 1SL/12	0.54	1900 K	96 lm/W	7,200 lm
92323000	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12	0.535	2000 K	110 lm/W	11,550 lm
92733700	MASTER SON-T APIA Plus Xtra	0.535	2000 K	118.51 lm/W	18,200 lm

Order Code	Full Product Name	Chromaticity	Correlated Colour	Luminous efficacy	Luminous Flux
		Coordinate X (Nom)	Temperature (Nom)	(rated) (nom.)	
	150W E40 1SL/12				
92737500	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	0.535	2000 K	132 lm/W	33,700 lm
92741200	MASTER 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 (nom.)	Voltage (nom.)	Power Consumption
93358100	MASTER SON-T APIA Plus Xtra 50W E27 1SL/12	-	86 V	54.0 W
92290500	MASTER SON-T APIA Plus Xtra 70W E27 1SL/12	-	92 V	75.0 W
92323000	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12	1,150 mA	108 V	105 W

Order Code	Full Product Name	Lamp current (nom.)	Voltage (nom.)	Power Consumption
92733700	MASTER SON-T APIA Plus Xtra 150W E40 1SL/12	-	98 V	154.0 W
92737500	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	-	99 V	255.0 W
92741200	MASTER SON-T APIA Plus Xtra 400W E40 1SL/12	-	98 V	397.0 W

Mechanical and Housing

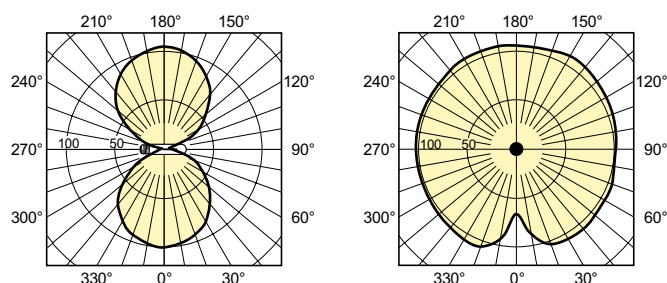
Order Code	Full Product Name	Bulb shape
93358100	MASTER SON-T APIA Plus Xtra 50W E27 1SL/12	T35
92290500	MASTER SON-T APIA Plus Xtra 70W E27 1SL/12	T35
92323000	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12	T46

Order Code	Full Product Name	Bulb shape
92733700	MASTER SON-T APIA Plus Xtra 150W E40 1SL/12	T46
92737500	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	T46
92741200	MASTER 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.)
93358100	MASTER SON-T APIA Plus Xtra 50W E27 1SL/12	54 kWh	9.8 mg	9.8 mg
92290500	MASTER SON-T APIA Plus Xtra 70W E27 1SL/12	75 kWh	12.2 mg	12.2 mg
92323000	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12	103 kWh	16.3 mg	16.3 mg
92733700	MASTER SON-T APIA Plus Xtra 150W E40 1SL/12	154 kWh	15.1 mg	15.1 mg
92737500	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	255 kWh	15.1 mg	15.1 mg

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
92741200	MASTER SON-T APIA Plus Xtra 400W E40 1SL/12	397 kWh	19.6 mg	19.6 mg



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