



# 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 impoved and prolonged long and reliable lifetime up to 6 Years Sercvice Lifetime (Xtra)
- Robust construction with few welding points is highly vibration and shockresistant, 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)

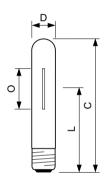
# **MASTER SON-T APIA Plus Xtra**

### Versions



LPPR SONTAPIA Plus-Xtra E27

# Dimensional drawing



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

Product	D (max)	0	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**

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**

			Correlated	Luminous	
		Chromaticity	Color	Efficacy	
	Full Product	Coordinate X	Temperature	(rated)	Luminous
Order Code	Name	(Nom)	(Nom)	(Nom)	Flux
928150119227	MST SON-T	0.54	1900 K	96 lm/W	7,200 lm
	APIA Plus				
	Xtra 70W E27				
	1SL/12				
928150219230	MST SON-T	0.535	2000 K	110 lm/W	11,550 lm
	APIA Plus				
	Xtra 100W				
	E40 1SL/12				
928150419230	MST SON-T	0.535	2000 K	132 lm/W	33,700 lm
	APIA Plus				

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

# Operating and Electrical

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

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

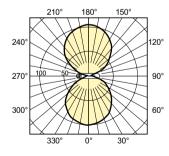
### Mechanical and Housing

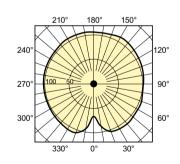
Order Code	Full Product Name	Bulb Shape
928150119227	MST SON-T APIA Plus Xtra 70W E27 1SL/12	T35
928150219230	MST SON-T APIA Plus Xtra 100W E40 1SL/12	T46

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

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





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