



MASTER SON-T APIA Plus Xtra

MASTER SON-T APIA Plus Xtra 250W E40 1SL/12

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

Product data

General Information	
Cap base	E40 [E40]
Burning Position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	28000 h
Life to 10% failures (nom.)	32000 h
Life to 20% failures (nom.)	36500 h
Life to 50% failures (nom.)	45000 h
System description	External Ignitor (E)
LSF 2000 h Rated	100 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	99 %
LSF 16000 h Rated	99 %
LSF 20000 h Rated	99 %
Light Technical	
Colour Code	- [Not Specified]
Lamp Luminous Flux (Nom)	33300 lm
Chromaticity coordinate X (nom.)	530
Chromaticity coordinate Y (nom.)	420
Colour Temperature, horizontal (Nom)	1950 K

Lamp Luminous Efficacy EM (Nom)	133 lm/W
Colour Rendering Index,horiz (Max)	25
LLMF 2000 h Rated	99 %
LLMF 4000 h Rated	98 %
LLMF 6000 h Rated	97 %
LLMF 8000 h Rated	96 %
LLMF 12000 h Rated	96 %
LLMF 16000 h Rated	95 %
LLMF 20000 h Rated	94 %
Ratio Scotopic/Photopic Lumens	0.60
Operating and Electrical	
Power (Rated) (Nom)	250.0 W
Lamp current (EM) (nom.)	3 A
Ignition supply voltage (max.)	198 V
Ignition peak voltage (max.)	2800 V
Re-ignition time (min.) (max.)	120 s
Ignition time (max.)	10 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

MASTER SON-T APIA Plus Xtra

Controls and Dimming	
Dimmable	yes
Run-up time 90% (max.)	5 min

Mechanical and Housing	
Bulb finish	Clear (CL)

Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	15.1 mg
Energy Consumption kWh/1000 h	275 kWh

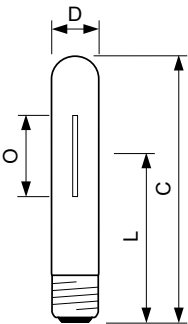
Luminaire Design Requirements	
Bulb temperature (max.)	450 °C
Cap base temperature (max.)	250 °C

Product Data	
Full product code	872790092737500
Order product name	MASTER SON-T APIA Plus Xtra 250W E40 1SL/12
EAN/UPC – product	8727900927375
Order code	928150419230
Local Code	SONTPX250WGES
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928150419230
Net weight (piece)	161.000 g
ILCOS Code	ST-250-H/E-E40

Warnings and Safety

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

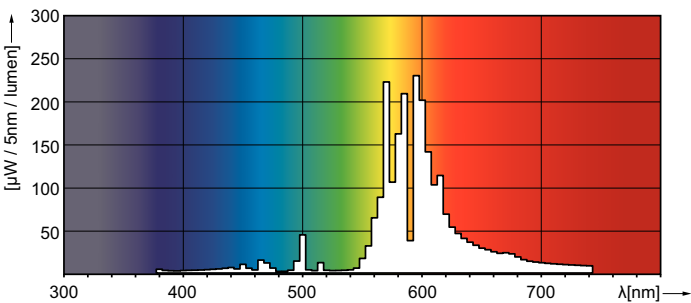
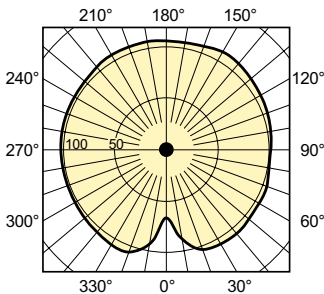
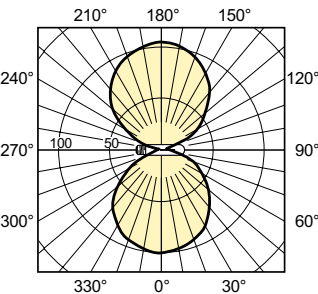
Dimensional drawing



SON-T APIA Plus Xtra 250W E40

Product	D (max)	O	L	C (max)
MASTER SON-T APIA Plus Xtra 250W E40 1SL/12	48 mm	65 mm	158 mm	257 mm

Photometric data



MASTER SON-T APIA Plus Xtra

Lifetime

