



MASTER SON-T APIA Plus Xtra

MASTER SON-T APIA Plus Xtra 50W E27 1SL

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

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	E27
Bulb	T35 [T 35mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	21000 hr
Life to 10% failures	25000 hr
Life to 20% failures	29500 hr
Life to 50% failures	38000 hr
LSF EM 2000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 8000h Rated, 12h cycle	99 %
LSF EM 12000h Rated, 12h cycle	99 %
LSF EM 16000h Rated, 12h cycle	98 %
LSF EM 20000h Rated, 12h cycle	96 %

• Light Technical Characteristics

Color Code	-
Color Rendering Index	25 (max) Ra8
Color Temperature	1950 K
Color Temperature Technical	1900 K
Luminous Flux EM 25°C, Rated	4700 Lm
Lum Efficacy Rated EM 25°C	87 Lm/W

Luminance Average EM	310 cd/cm2
LLMF EM 2000h Rated	92 %
LLMF EM 4000h Rated	90 %
LLMF EM 6000h Rated	89 %
LLMF EM 8000h Rated	88 %
LLMF EM 12000h Rated	87 %
LLMF EM 16000h Rated	86 %
LLMF EM 20000h Rated	86 %
Chromaticity Coordinate X	540 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	50 W
Lamp Wattage EM 25°C, Nominal	50.0 W
Lamp Wattage EM 25°C, Rated	54.0 W
Lamp Voltage	85 V
Lamp Current EM	0.75 A
Ignition Time	5 (max) s
Run-up time 90%	4 (max) min
Dimmable	Yes
Re-ignition Time [sec]	30 (max) s
Ratio scotopic/photopic lumens	0.50 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	12.0 mg
Energy consumption kWh/1000h	59 kWh

• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	156 (max) mm
Diameter D	36 (max) mm
Light Center Length L	102 mm

Arc Length O 35 mm

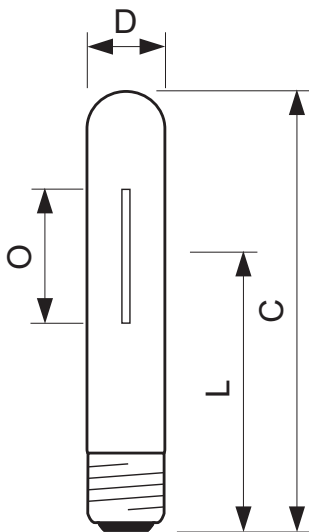
• Product Data

Order code	928150019227
Full product code	928150019227
Full product name	MASTER SON-T APIA Plus Xtra 50W E27 1SL
Order product name	MST SON-T APIA Plus Xtra 50W E27 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900933581
Bar code on outerbox - EAN3	8727900933598
Logistic code(s) - 12NC	928150019227
ILCOS code	ST-50-H/E-E27
Net weight per piece	0.046 kg

Warnings and Safety

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

Dimensional drawing

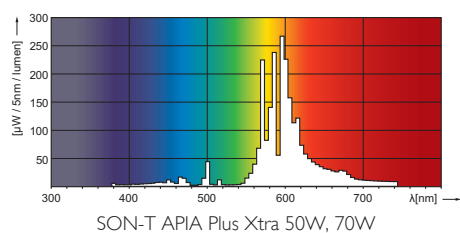


E27

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Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T APIA Plus Xtra 50W E27	156	36	102	35

Photometric data



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data subject to change