



MASTER SON-T APIA Plus Xtra

MASTER SON-T APIA Plus Xtra 100W 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]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life to 5% Failures (Nom)	24000 h
Life To 10% Failures (Nom)	28000 h
Life to 20% Failures (Nom)	32000 h
Life to 50% Failures (Nom)	40000 h
System Description	External Ignitor
LSF 2000 h Rated	99 %
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	97 %
Light Technical	
Color Code	- [Not Specified]
Luminous Flux (Rated) (Nom)	10700 lm
Chromaticity Coordinate X (Nom)	535
Chromaticity Coordinate Y (Nom)	420
Correlated Color Temperature (Nom)	1950 K

Luminous Efficacy (rated) (Nom)	107 lm/W
Color Rendering Index (Max)	25
LLMF 2000 h Rated	98 %
LLMF 4000 h Rated	96 %
LLMF 6000 h Rated	95 %
LLMF 8000 h Rated	94 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	89 %
Ratio Scotopic/Photopic Lumens	0.55

Operating and Electrical	
Power (Nom)	100.0 W
Lamp Current (EM) (Nom)	1.2 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max)	5 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

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Controls and Dimming

Dimmable	Yes
Run-Up Time 90% (Max)	4 min

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	16.0 mg
Energy Consumption kWh/1000 h	110 kWh

Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
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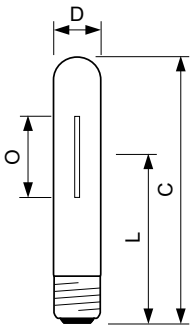
Cap-Base Temperature (Max)	250 °C
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Product Data

Full product code	872790092323000
Order product name	MASTER SON-T APIA Plus Xtra 100W E40 1SL/12
EAN/UPC - Product	8727900923230
Order code	928150219230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928150219230
Net Weight (Piece)	0.145 kg
ILCOS Code	ST-100-H/E-E40

Warnings and Safety

Dimensional drawing

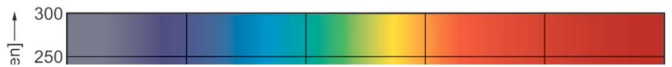
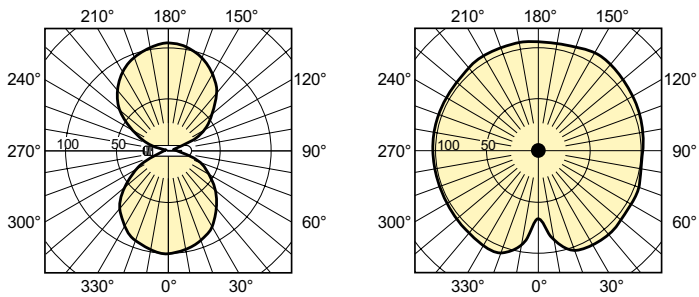


SON-T APIA Plus Xtra 100W E40

Product

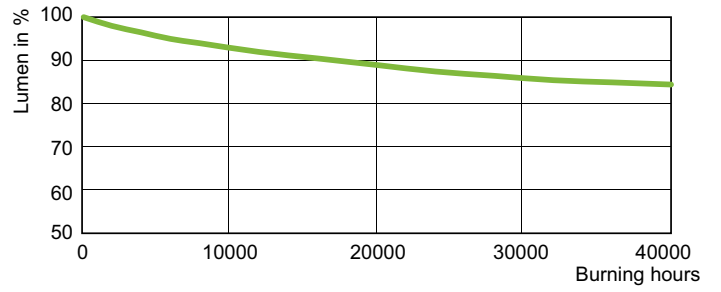
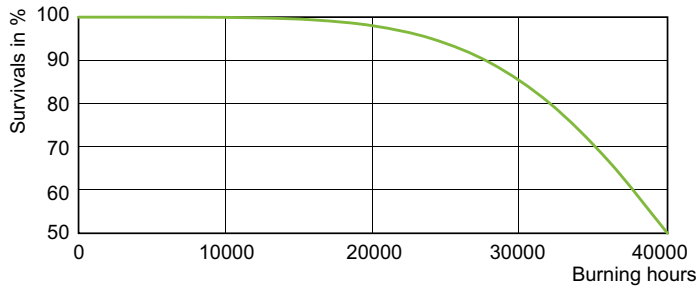
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Photometric data



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Lifetime



LDLE_SONTAPIA_0001-Life expectancy diagram

