



MASTER SON-T APiA Plus Xtra

MASTER SON-T APiA Plus Xtra 70W E27 1SL/12

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

Product data

| General Information | |
|--------------------------------------|-----------------------------------|
| Cap-Base | E27 [E27] |
| 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 (E) |
| 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 | |
| Colour Code | - [Not Specified] |
| Luminous Flux (Rated) (Nom) | 7300 lm |
| Chromaticity Coordinate X (Nom) | 540 |
| Chromaticity Coordinate Y (Nom) | 420 |
| Colour Temperature, horizontal (Nom) | 1950 K |

| | |
|------------------------------------|---------|
| Luminous Efficacy (rated) (Nom) | 97 lm/W |
| Colour Rendering Index horiz (Max) | 25 |
| Depreciation 2000 hrs | 92 % |
| LLMF 4000 h Rated | 90 % |
| Depreciation 5000 hrs | 89 % |
| LLMF 8000 h Rated | 88 % |
| LLMF 12000 h Rated | 87 % |
| LLMF 16000 h Rated | 86 % |
| LLMF 20000 h Rated | 86 % |
| Ratio Scotopic/Photopic Lumens | 0.50 |

Operating and Electrical

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|-------------------------------|---------|
| Power (Rated) (Nom) | 75.0 W |
| Lamp Current (EM) (Nom) | 0.975 A |
| Ignition Supply Voltage (Max) | 198 V |
| Ignition Peak Voltage (Max) | 1800 V |
| Re-Ignition Time (Min) (Max) | 30 s |
| Ignition Time (Max) | 5 s |
| Voltage (Max) | 105 V |
| Voltage (Min) | 75 V |
| Voltage (Nom) | 90 V |

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Controls and Dimming

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

Mechanical and Housing

| | |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

Approval and Application

| | |
|-------------------------------|---------|
| Energy Efficiency Label | A+ |
| Mercury (Hg) Content (Nom) | 12.0 mg |
| Energy Consumption kWh/1000 h | 83 kWh |

Luminaire Design Requirements

| | |
|------------------------|--------|
| Bulb Temperature (Max) | 350 °C |
|------------------------|--------|

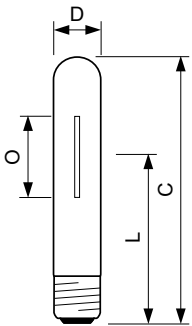
| | |
|----------------------------|--------|
| Cap-Base Temperature (Max) | 200 °C |
|----------------------------|--------|

Product Data

| | |
|---------------------------------|--|
| Full product code | 872790092290500 |
| Order product name | MASTER SON-T APIA Plus Xtra 70W E27 1SL/12 |
| EAN/UPC - Product | 8727900922905 |
| Order code | 92290500 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 928150119227 |
| Net Weight (Piece) | 0.046 kg |
| ILCOS Code | ST-70-H/E-E27 |

Warnings and Safety

Dimensional drawing

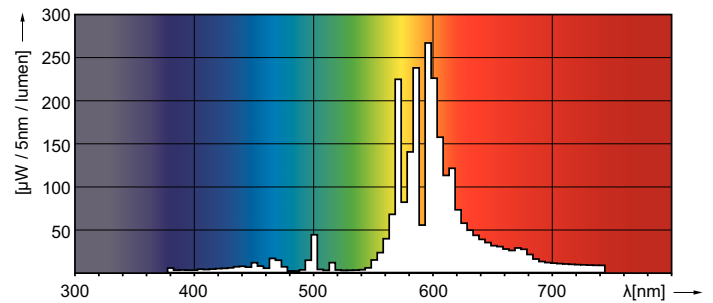
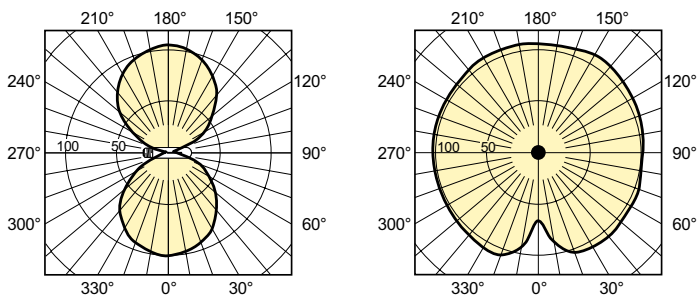


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Product

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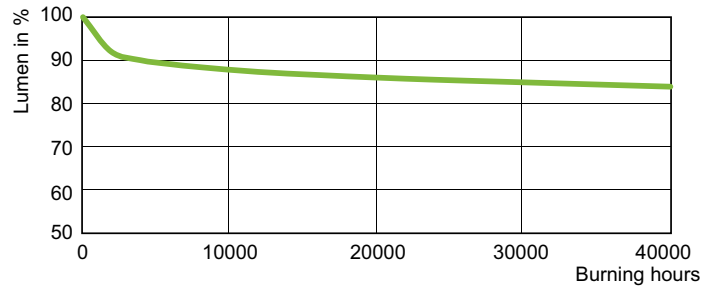
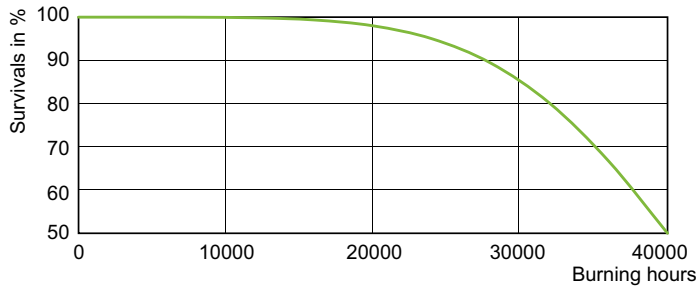
Photometric data



LDPO_SONTAPIA_0001-Spectral power distribution Colour

MASTER SON-T APIA Plus Xtra

Lifetime



LDLE_SONTAPIA_0001-Life expectancy diagram

LDLM_SONTAPIA_0005-Lumen maintenance diagram

