

MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 70W E27 1SL/24

High Pressure Sodium lamp with opalized outer bulb, 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)	6900 lm
Chromaticity Coordinate X (Nom)	540
Chromaticity Coordinate Y (Nom)	415
Colour Temperature, horizontal (Nom)	1900 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Colour Rendering Index horiz (Max)	25
Depreciation 2000 hrs	91 %
LLMF 4000 h Rated	88 %
Depreciation 5000 hrs	87 %
LLMF 8000 h Rated	86 %
LLMF 12000 h Rated	85 %
LLMF 16000 h Rated	84 %
LLMF 20000 h Rated	84 %

• Operating and Electrical

Power (Rated) (Nom)	76.5 W
Lamp Current (EM) (Nom)	0.98 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	1800 V
Re-Ignition Time (Min) (Max)	180 s
Ignition Time (Max)	5 s
Voltage (Max)	105 V
Voltage (Min)	75 V
Voltage (Nom)	90 V

• Controls and Dimming

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

• Mechanical and Housing

Bulb Finish	Coated [Coated glass (CO)]

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MASTER SON APIA Plus Xtra

- Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	12.0 mg
Energy Consumption kWh/1000 h	84 kWh

- Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C

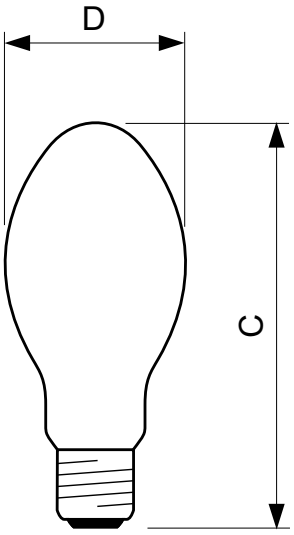
- Product Data

Full product code	872790092817400
Order product name	MASTER SON APIA Plus Xtra 70W E27 1SL/24
EAN/UPC - Product	8727900928174
Order code	92817400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928150719835
Net Weight (Piece)	0.045 kg
ILCOS Code	SE-70-H/E-E27

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing



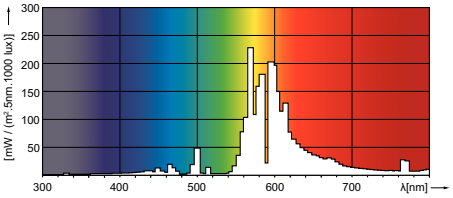
SON APIA, E27/E40



SON APIA Plus Xtra 70W E27

Product	D	C
MASTER SON APIA Plus Xtra 70W E27 1SL/24	71 mm	156 mm

Photometric data



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