

MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 100W E40 1SL/12

High Pressure Sodium lamp with opalized outer bulb, 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)	10000 lm
Chromaticity Coordinate X (Nom)	535
Chromaticity Coordinate Y (Nom)	420
Correlated Color Temperature (Nom)	1950 K
Luminous Efficacy (rated) (Nom)	100 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 %

• Operating and Electrical

Power (Rated) (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

• Controls and Dimming

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

• Mechanical and Housing

Bulb Finish	Coated glass

• Approval and Application

Energy Efficiency Label (EEL)	A+

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MASTER SON APIA Plus Xtra

Mercury (Hg) Content (Nom)	16 mg
Energy Consumption kWh/1000 h	110 kWh

- Luminaire Design Requirements

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

- Product Data

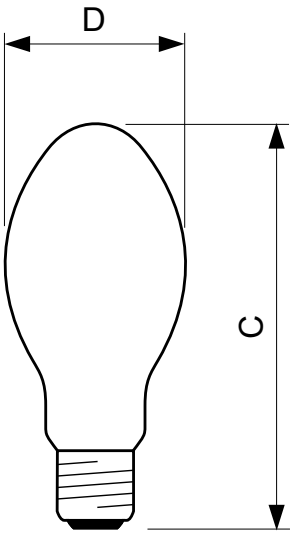
Full product code	872790092743600

Order product name	MASTER SON APIA Plus Xtra 100W E40 1SL/12
EAN/UPC - Product	8727900927436
Order code	928150819827
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928150819827
Net Weight (Piece)	0.145 kg
ILCOS Code	SE-100-H/E-E40

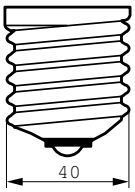
Warnings and Safety

- 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



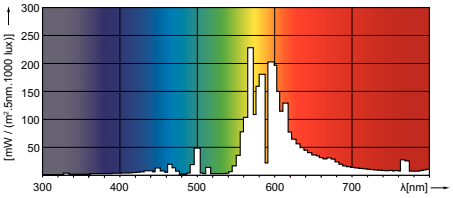
SON APIA, E27/E40



SON APIA Plus Xtra 100W E40

Product	D	C
MASTER SON APIA Plus Xtra 100W E40 1SL/12	76 mm	186 mm

Photometric data



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