

MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 400W 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)	28000 h
Life to 10% Failures (Nom)	32000 h
Life to 20% Failures (Nom)	36500 h
Life to 50% Failures (Nom)	45000 h
System Description	External Ignitor
LSF 2000 h Rated	100 %
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	99 %

Light Technical	
Color Code	- [Not Specified]
Luminous Flux (Rated) (Nom)	55400 lm
Chromaticity Coordinate X (Nom)	525
Chromaticity Coordinate Y (Nom)	425
Correlated Color Temperature (Nom)	1950 K
Luminous Efficacy (Rated) (Nom)	136.5 lm/W
Color Rendering Index (Max)	25
LLMF 2000 h Rated	99 %
LLMF 4000 h Rated	98 %
LLMF 6000 h Rated	97 %
LLMF 8000 h Rated	96 %
LLMF 12000 h Rated	96 %
LLMF 16000 h Rated	95 %
LLMF 20000 h Rated	94 %
Ratio Scotopic/Photopic Lumens	0.60

Operating and Electrical	
Power (Rated) (Nom)	405.0 W
Lamp Current (EM) (Nom)	4.3 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max)	10 s
Voltage (Max)	120 V
Voltage (Min)	90 V
Voltage (Nom)	105 V

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Controls and Dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	5 min

Mechanical and Housing	
Bulb Finish	Coated glass

Approval and Application	
Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	20 mg
Energy Consumption kWh/1000 h	445 kWh

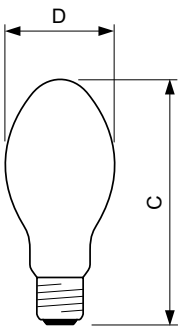
Luminaire Design Requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	250 °C

Product Data	
Full product code	872790092767200
Order product name	MASTER SON APIA Plus Xtra 400W E40 1SL/12
EAN/UPC - Product	8727900927672
Order code	928151119830
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928151119830
Net Weight (Piece)	166.000 g
ILCOS Code	SE-400-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.

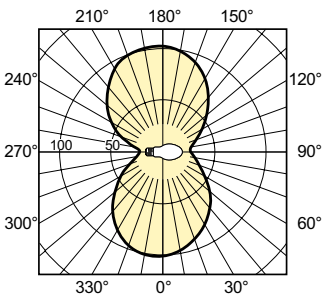
Dimensional drawing

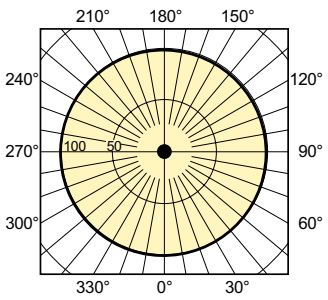


SON APIA Plus Xtra 400W E40

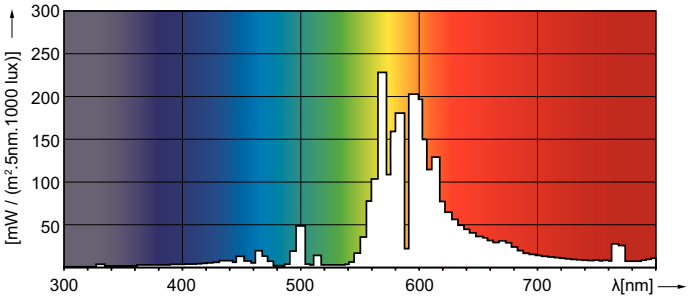
Product	D (max)	C (max)
MASTER SON APIA Plus Xtra 400W E40 1SL/12	121.5 mm	290 mm

Photometric data





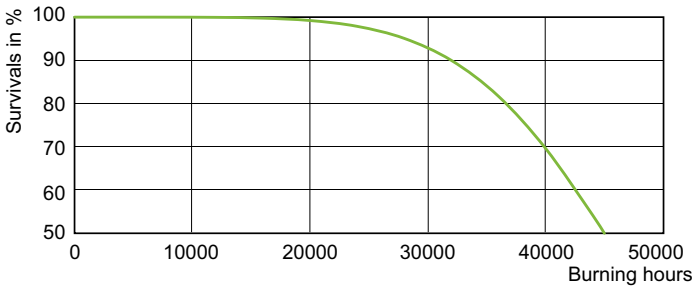
MASTER SON APIA Plus Hg Free & Xtra



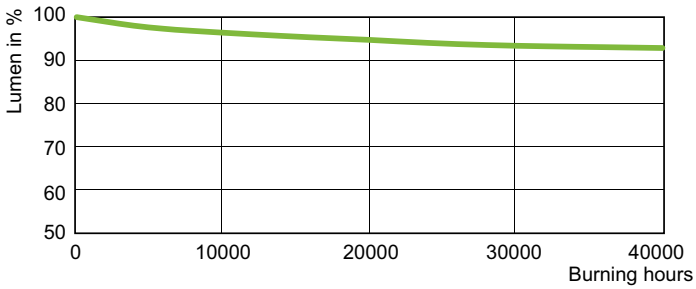
SON PIA Plus Hg Free/Xtra Plus

MASTER SON APIA Plus Xtra

Lifetime



MASTER SON APIA Plus Xtra 150, 250, 400 W Life Expectancy



MASTER SON APIA Plus Xtra 150 W - 400 W Lumen Maintenance

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