

MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 50W 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)	21000 h
Life to 10% Failures (Nom)	25000 h
Life to 20% Failures (Nom)	29500 h
Life to 50% Failures (Nom)	38000 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	98 %
LSF 20000 h Rated	96 %

Light Technical	
Color Code	- [Not Specified]
Luminous Flux (Rated) (Nom)	3900 lm
Chromaticity Coordinate X (Nom)	540
Chromaticity Coordinate Y (Nom)	415
Correlated Color Temperature (Nom)	1900 K
Luminous Efficacy (Rated) (Nom)	76 lm/W
Color Rendering Index (Max)	25
LLMF 2000 h Rated	91 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	87 %
LLMF 8000 h Rated	86 %
LLMF 12000 h Rated	85 %
LLMF 16000 h Rated	84 %
LLMF 20000 h Rated	84 %
Ratio Scotopic/Photopic Lumens	0.50

Operating and Electrical	
Power (Rated) (Nom)	50.0 W
Lamp Current (EM) (Nom)	0.76 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)	100 V
Voltage (Min)	70 V
Voltage (Nom)	85 V

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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
Mercury (Hg) Content (Nom)	12 mg
Energy Consumption kWh/1000 h	55 kWh

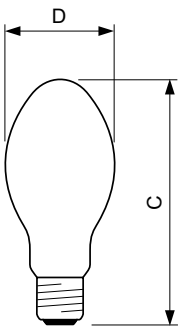
Luminaire Design Requirements	
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C

Product Data	
Full product code	872790092813600
Order product name	MASTER SON APIA Plus Xtra 50W E27 1SL/24
EAN/UPC - Product	8727900928136
Order code	928150619835
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928150619835
Net Weight (Piece)	0.045 kg
ILCOS Code	SE-50-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.

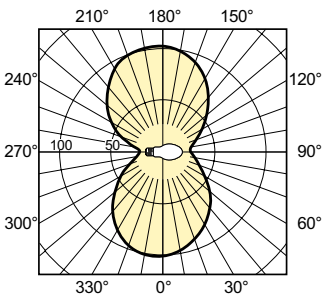
Dimensional drawing

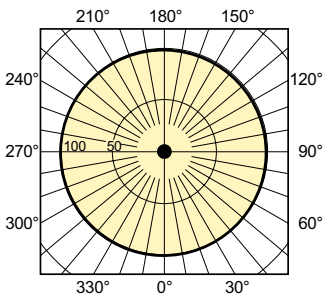


SON APIA Plus Xtra 50W E27

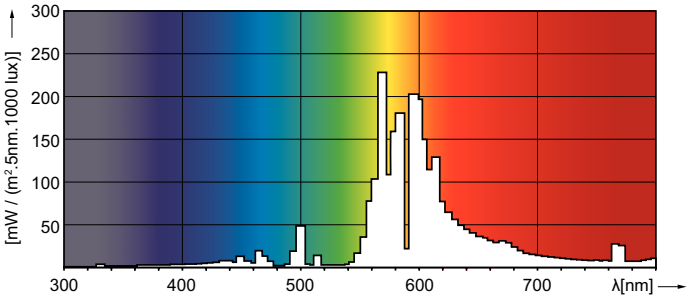
Product	D (max)	C (max)
MASTER SON APIA Plus Xtra 50W E27 1SL/24	71 mm	156 mm

Photometric data





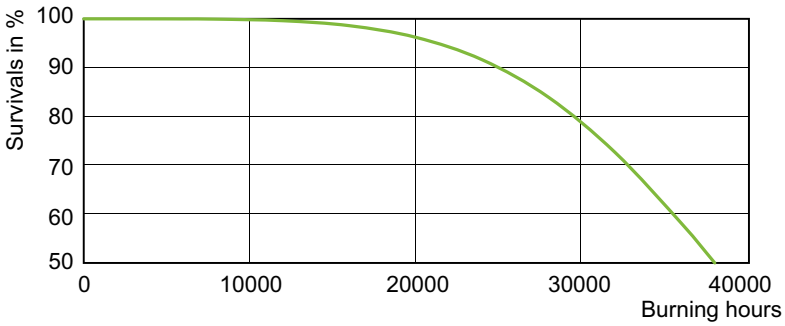
MASTER SON APIA Plus Hg Free & Xtra



SON PIA Plus Hg Free/Xtra Plus

MASTER SON APIA Plus Xtra

Lifetime



MASTER SON APIA Plus Xtra 50 W Life Expectancy

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