



MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 70W E27 1SL

High Pressure Sodium lamp with opalized outer bulb, high output and longest reliable lifetime

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	ES [ES]
Bulb	B70 [B 70mm]
Bulb Finish	Coated
Burning Position	any [Any/Universal]
Life to 5% failures	24000 hr
Life to 10% failures	28000 hr
Life to 20% failures	32000 hr
Life to 50% failures	40000 hr
LSF EM 2000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 8000h Rated, 12h cycle	99 %
LSF EM 12000h Rated, 12h cycle	99 %
LSF EM 16000h Rated, 12h cycle	99 %
LSF EM 20000h Rated, 12h cycle	97 %

• Light Technical Characteristics

Colour Code	-
Colour Rendering Index	25 (max) Ra8
Colour Temperature	1900 K
Colour Temperature Technical	1900 K
Luminous Flux EM 25°C, Rated	5900 Lm
Lum Efficacy Rated EM 25°C	83 Lm/W

LLMF EM 2000h Rated	91 %
LLMF EM 4000h Rated	88 %
LLMF EM 6000h Rated	87 %
LLMF EM 8000h Rated	86 %
LLMF EM 12000h Rated	85 %
LLMF EM 16000h Rated	84 %
LLMF EM 20000h Rated	84 %
Chromaticity Coordinate X	540 -
Chromaticity Coordinate Y	415 -

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	71 W
Lamp Wattage EM 25°C, Rated	71 W
Lamp Voltage	90 V
Lamp Current EM	0.98 A
Ignition Time	5 (max) s
Run-up time 90%	4 (max) min
Dimmable	yes
Re-ignition Time [sec]	180 (max) s
Ratio scotopic/photopic lumens	0.50 -

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• Environmental Characteristics

Mercury (Hg) Content	12 mg
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• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	156 (max) mm
Diameter D	71 (max) mm

• Product Data

Order code	928174 00
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Full product code	872790092817400
Full product name	MASTER SON APIA Plus Xtra 70W E27 1SL
Order product name	MST SON APIA Plus Xtra 70W E27 1SL/24
Pieces per pack	1
Packing configuration	24
Packs per outerbox	24
Bar code on pack - EAN1	8727900928174
Bar code on outerbox - EAN3	8727900928181
Logistic code(s) - 12NC	928150719835
ILCOS code	SE-70-H/E-E27
Net weight per piece	0.045 kg

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)

Dimensional drawing

MASTER SON APIA Plus Xtra 70W E27 1SL

Product	C (Max)	D (Max)
SON APIA Plus Xtra 70W E27	156	71

E27

Photometric data

SON PIA Plus Hg Free/Xtra Plus



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data subject to change