



# 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	E27
Bulb	B70 [B 70mm]
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
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

Color Code	-
Color Rendering Index	25 (max) Ra8
Color Temperature	1900 K
Color 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	71.0 W
Lamp Wattage EM 25°C, Rated	71.0 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

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	12 mg
Energy consumption kWh/1000h	78 kWh

## • 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

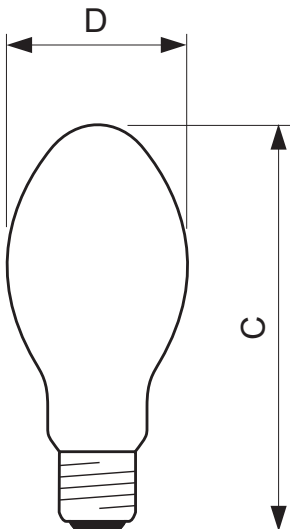
## • Product Data

Order code	928150719835
Full product code	928150719835
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

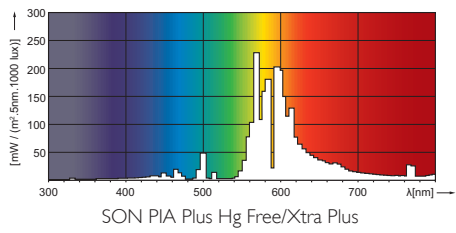


E27

## MASTER SON APIA Plus Xtra 70W E27 1SL

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

Photometric data



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data subject to change