



MASTER SON APIA Plus Xtra

MASTER SON APIA Plus Xtra 150W E40 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	E40
Bulb	BD90 [BD 90mm]
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	28000 hr
Life to 10% failures	32000 hr
Life to 20% failures	36500 hr
Life to 50% failures	45000 hr
LSF EM 2000h Rated, 12h cycle	100 %
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	99 %

• Light Technical Characteristics

Color Code	-
Color Rendering Index	25 (max) Ra8
Color Temperature Technical	1950 K
Luminous Flux EM 25°C, Rated	2000 K
Lum Efficacy Rated EM 25°C	17500 Lm
	114 Lm/W

Luminance Average EM	11 cd/cm ²
LLMF EM 2000h Rated	99 %
LLMF EM 4000h Rated	98 %
LLMF EM 6000h Rated	97 %
LLMF EM 8000h Rated	96 %
LLMF EM 12000h Rated	96 %
LLMF EM 16000h Rated	95 %
LLMF EM 20000h Rated	94 %
Chromaticity Coordinate X	535 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	150 W
Lamp Wattage EM 25°C, Nominal	150.0 W
Lamp Wattage EM 25°C, Rated	154.0 W
Lamp Voltage	100 V
Lamp Current EM	1.8 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	0.55 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	15 mg
Energy consumption kWh/1000h	169 kWh

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	227 (max) mm
Diameter D	91 (max) mm

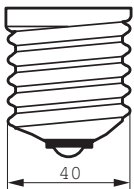
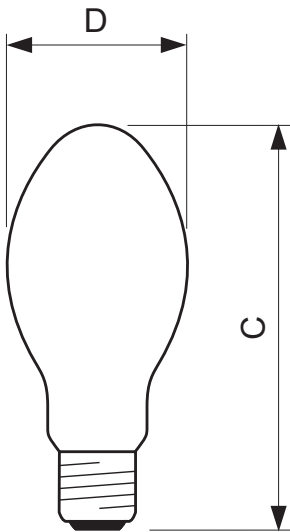
• Product Data

Order code	928150919827
Full product code	928150919827
Full product name	MASTER SON APIA Plus Xtra 150W E40 1SL
Order product name	MST SON APIA Plus Xtra 150W E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900927450
Bar code on outerbox - EAN3	8727900927467
Logistic code(s) - 12NC	928150919827
ILCOS code	SE-150-H/E-E40
Net weight per piece	0.140 kg

Warnings and Safety

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

Dimensional drawing

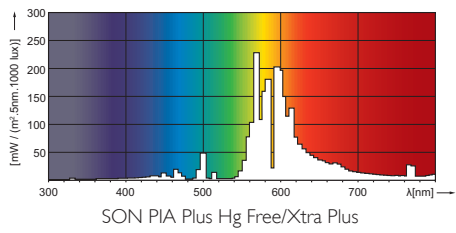


E40

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Product	C (Max)	D (Max)
SON APIA Plus Xtra 150W E40	227	91

Photometric data



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data subject to change