



MASTER SON-T APIA Plus Hg Free

MASTER SON-T APIA Plus Hg Free 250W E40 1SL

High-pressure sodium lamp with clear tubular outer bulb, long reliable lifetime and zero mercury

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	GES [GES]
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	20000 hr
Life to 50% failures	38000 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	98 %
LSF EM 20000h Rated, 12h cycle	95 %

• Light Technical Characteristics

Colour Code	221
Colour Rendering Index	25 (max) Ra8
Colour Temperature	2100 K
Technical	2100 K
Luminous Flux EM 25°C, Rated	32200 Lm
Lum Efficacy Rated EM 25°C	129 Lm/W
LLMF EM 2000h Rated	96 %

LLMF EM 4000h Rated	94 %
LLMF EM 6000h Rated	92 %
LLMF EM 8000h Rated	91 %
LLMF EM 12000h Rated	90 %
LLMF EM 16000h Rated	88 %
LLMF EM 20000h Rated	87 %

• Electrical Characteristics

Lamp Wattage	250 W
Lamp Wattage EM 25°C, Nominal	250 W
Lamp Wattage EM 25°C, Rated	250 W
Lamp Voltage	95 V
Lamp Current EM	3 A
Ignition Time	10 (max) s
Run-up time 90%	4 (max) min
Dimmable	yes
Re-ignition Time [sec]	120 (max) s
Ratio scotopic/photopic lumens	0.60 -

• Environmental Characteristics

Mercury (Hg) Content	0 mg
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MASTER SON-T APIA Plus Hg Free

• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C

• Product Dimensions

Overall Length C	257 (max) mm
Diameter D	47 (max) mm
Light Center Length L	158 mm
Arc Length O	87 mm

• Product Data

Order code	885125 00
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Full product code	872790088512500
Full product name	MASTER SON-T APIA Plus Hg Free 250W E40 1SL
Order product name	MST SON-T APIA Plus Hg Free 250W E40 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900885125
Bar code on outerbox - EAN3	8727900885132
Logistic code(s) - 12NC	928199109830
ILCOS code	ST-250-H/E-E40
Net weight per piece	0.158 kg

Warnings and Safety

- Control gear must include end-of-life protection (IEC 60662, IEC 62035)

Dimensional drawing

MASTER SON-T APIA Plus Hg Free 250W E40 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T APIA Plus Hg Free 250W E40	257	47	158	87

E40

Photometric data

SON-T APIA Plus Hg Free 70W, 100W, 150W, 250W



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data subject to change