



MASTER SON-T APIA Plus Hg Free

MASTER SON-T APIA Plus Hg Free 70W E27 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	ES [ES]
Bulb	T35 [T 35mm]
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	-
Colour Rendering Index	25 (max) Ra8
Colour Temperature	2100 K
Technical	2100 K
Luminous Flux EM 25°C, Rated	6300 Lm
Lum Efficacy Rated EM 25°C	90 Lm/W
LLMF EM 2000h Rated	98 %

LLMF EM 4000h Rated	97 %
LLMF EM 6000h Rated	95 %
LLMF EM 8000h Rated	93 %
LLMF EM 12000h Rated	90 %
LLMF EM 16000h Rated	86 %
LLMF EM 20000h Rated	83 %

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	70 W
Lamp Wattage EM 25°C, Rated	70 W
Lamp Voltage	85 V
Lamp Current EM	0.99 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	0.55 -

• Environmental Characteristics

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

• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	156 (max) mm
Diameter D	36 (max) mm
Light Center Length L	104 mm
Arc Length O	46 mm

• Product Data

Order code	912524 00
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Full product code	872790091252400
Full product name	MASTER SON-T APIA Plus Hg Free 70W E27 1SL
Order product name	MST SON-T APIA Plus Hg Free 70W E27 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900912524
Bar code on outerbox - EAN3	8727900912531
Logistic code(s) - 12NC	928196209227
ILCOS code	ST-70-H/E-E27
Net weight per piece	0.046 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 70W E27 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T APIA Plus Hg Free 70W E27	156	36	104	46

E27

Photometric data

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



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2012, December 21
data subject to change