



# MASTER SON-T APIA Plus Hg Free

MASTER SON-T APIA Plus Hg Free 400W 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
Colour Temperature Technical	2100 K
Luminous Flux EM 25°C, Rated	56000 Lm
Lum Efficacy Rated EM 25°C	140 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	97 %

### • Electrical Characteristics

Lamp Wattage	400 W
Lamp Wattage EM 25°C, Nominal	400 W
Lamp Wattage EM 25°C, Rated	400 W
Lamp Voltage	95 V
Lamp Current EM	4.6 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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# PHILIPS

sense and simplicity

# 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	279 (max) mm
Diameter D	47 (max) mm
Light Center Length L	175 mm
Arc Length O	109 mm

## • Product Data

Order code	885149 00
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Full product code	872790088514900
Full product name	MASTER SON-T APIA Plus Hg Free 400W E40 1SL
Order product name	MST SON-T APIA Plus Hg Free 400W E40 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900885149
Bar code on outerbox - EAN3	8727900885156
Logistic code(s) - 12NC	928199209830
ILCOS code	ST-400-H/E-E40
Net weight per piece	170.920 gr

## Warnings and Safety

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

## Dimensional drawing

### MASTER SON-T APIA Plus Hg Free 400W E40 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T APIA Plus Hg Free 400W E40	279	47	175	109

E40

Photometric data

SON-T APIA Plus Hg Free 400W



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data subject to change