



MASTER SON-T APIA Plus Hg Free

MASTER SON-T APIA Plus Hg Free 100W 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	E40
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	20000 hr
Life to 50% failures	38000 hr
LSF EM 20000h	95 %
Rated,12h cycle	
LSF EM 16000h	98 %
Rated,12h cycle	
LSF EM 12000h	99 %
Rated,12h cycle	
LSF EM 8000h Rated,	99 %
12h cycle	
LSF EM 6000h Rated,	99 %
12h cycle	
LSF EM 4000h Rated,	99 %
12h cycle	
LSF EM 2000h Rated,	99 %
12h cycle	

• Light Technical Characteristics

Color Code	-
Color Rendering Index	25 (max) Ra8
Color Temperature	2100 K
Color Temperature Technical	2100 K
Lum Efficacy Rated EM 25°C	100 Lm/W
LLMF EM 20000h Rated	87 %
LLMF EM 16000h Rated	88 %

LLMF EM 12000h Rated	90 %
LLMF EM 8000h Rated	91 %
LLMF EM 6000h Rated	92 %
LLMF EM 4000h Rated	94 %
LLMF EM 2000h Rated	96 %
Luminous Flux EM 25°C, Rated	10000 Lm

• Electrical Characteristics

Lamp Wattage	100 W
Lamp Voltage	95 V
Lamp Current EM	1.2 A
Ignition Time	5 (max) s
Run-up time 90%	4 (max) min
Dimmable	Yes
Re-ignition Time [sec]	120 (max) s
Lamp Wattage EM 25°C, Rated	100 W
Lamp Wattage EM 25°C, Nominal	100 W

• Environmental Characteristics

Mercury (Hg) Content	0 mg
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• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
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PHILIPS

sense and simplicity

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Bulb Temperature 350 (max) C

• Product Dimensions

Overall Length C 210 (max) mm
Diameter D 47 (max) mm
Light Center Length L 132 mm
Arc Length O 71 mm

• Product Data

Order code 928198909830
Full product code 928198909830
Full product name MASTER SON-T APIA Plus Hg Free
100W E40 1SL

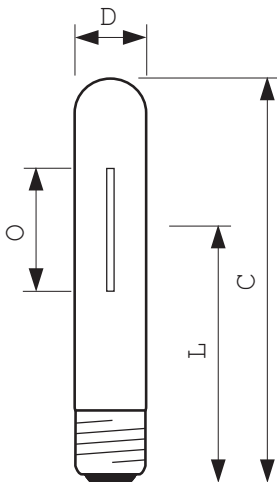
Order product name MST SON-T APIA Plus Hg Free
100W E40 1SL

Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack -
EAN1 8727900880755
Bar code on
outerbox - EAN3 8727900880762
Logistic code(s) -
12NC 928198909830
ILCOS code ST-100-H/E-E40
Net weight per piece 114.170 gr

Warnings and Safety

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

Dimensional drawing



SON-T APIA Plus, E27/E40

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T APIA Plus Hg Free 100W E40	210	47	132	71



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data subject to change