

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 Information

Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	20000 h
Life To 50% Failures (Nom)	38000 h
System Description	External Ignitor (E)
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	99 %
LSF 16000 h Rated	98 %
LSF 20000 h Rated	95 %

• Light Technical

Colour Code	- [Not Specified]
Luminous Flux (Rated) (Nom)	10000 lm
Colour Temperature, horizontal (Nom)	2100 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Colour Rendering Index horiz (Max)	25
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	94 %
Depreciation 5000 hrs	92 %
LLMF 8000 h Rated	91 %
LLMF 12000 h Rated	90 %
LLMF 16000 h Rated	88 %
LLMF 20000 h Rated	87 %

• Operating and Electrical

Power (Rated) (Nom)	100.0 W
Lamp Current (EM) (Nom)	1.2 A
Ignition Peak Voltage (Max)	3300 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max)	5 s
Voltage (Max)	110 V
Voltage (Min)	80 V
Voltage (Nom)	95 V

• Controls and Dimming

Dimmable	Yes
Run-up Time 90% (Max)	4 min

• Mechanical and Housing

Bulb Finish	Clear (CL)

• Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	0 mg
Energy Consumption kWh/1000 h	110 kWh

PHILIPS

MASTER SON-T APIA Plus Hg Free

- Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	250 °C

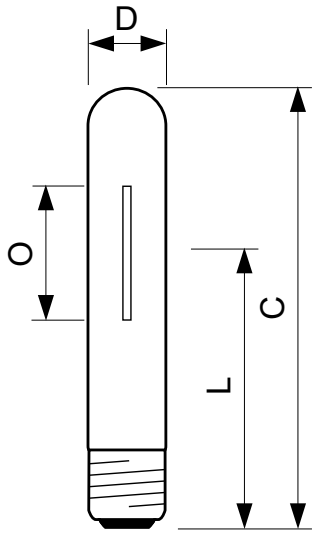
- Product Data

Full product code	872790088075500
Order product name	MASTER SON-T APIA Plus Hg Free 100W E40 1SL
EAN/UPC - Product	8727900880755
Order code	88075500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928198909830
Net Weight (Piece)	0.114 kg
ILCOS Code	ST-100-H/E-E40

Warnings and Safety

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

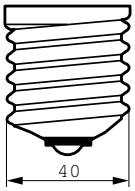
Dimensional drawing



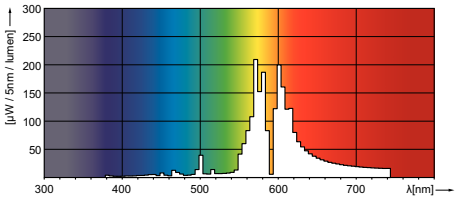
SON-T APIA Plus, E27/E40

SON-T APIA Plus Hg Free 100W E40

Product	D	O	L	C
MASTER SON-T APIA Plus Hg Free 100W E40 1SL	47 mm	71 mm	132 mm	210 mm



Photometric data



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2016, March 7
data subject to change