



# MASTER SON APIA Plus Hg Free

MASTER SON APIA Plus Hg Free 250W E40 1SL

High-pressure sodium lamp with opalized ovoid outer bulb, long reliable lifetime and zero mercury

## Product data

### • General Characteristics

System Description	External Ignitor
Cap-Base	GES [GES]
Bulb	BD90 [BD 90mm]
Bulb Finish	Coated
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	29700 Lm
Lum Efficacy Rated EM 25°C	119 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 APIA Plus Hg Free

### • Luminaire Design Requirements

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

### • Product Dimensions

Overall Length C	227 (max) mm
Diameter D	91 (max) mm

### • Product Data

Order code	879711 00
Full product code	872790087971100
Full product name	MASTER SON APIA Plus Hg Free 250W E40 1SL

Order product name	MST SON APIA Plus Hg Free 250W E40 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900879711
Bar code on outerbox - EAN3	8727900879728
Logistic code(s) - 12NC	928198709830
ILCOS code	SE-250-H/E-E40
Net weight per piece	0.180 kg

## Warnings and Safety

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

## Dimensional drawing

### MASTER SON APIA Plus Hg Free 250W E40 1SL

Product	C (Max)	D (Max)
SON APIA Plus Hg Free 250W E40	227	91

E40

## Photometric data

SON PIA Plus Hg Free/Xtra Plus



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data subject to change