



MASTER SON APIA Plus Hg Free

MASTER SON APIA Plus Hg Free 150W 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	E40
Bulb	BD90 [BD 90mm]
Bulb Finish	Coated
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	221
Color Rendering Index	25 (max) Ra8
Color Temperature	2100 K
Color Temperature Technical	2100 K
Lum Efficacy Rated EM 25°C	105 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	15800 Lm

• Electrical Characteristics

Lamp Wattage	150 W
Lamp Voltage	95 V
Lamp Current EM	1.8 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	150 W
Lamp Wattage EM 25°C, Nominal	150 W
Ratio scotopic/photopic lumens	0.55 -

• Environmental Characteristics

Mercury (Hg) Content	0 mg
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• Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

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

• Product Data

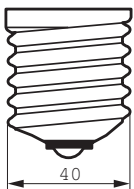
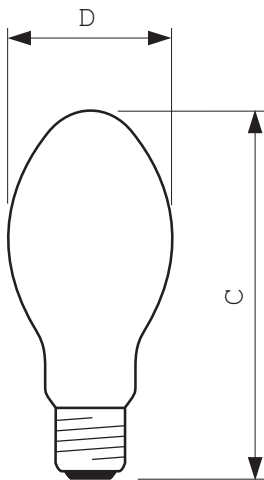
Order code	928198609830
Full product code	928198609830
Full product name	MASTER SON APIA Plus Hg Free 150W E40 1SL

Order product name	MST SON APIA Plus Hg Free 150W E40 1SL
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8727900879650
Bar code on outerbox - EAN3	8727900879667
Logistic code(s) - 12NC	928198609830
ILCOS code	SE-150-H/E-E40
Net weight per piece	0.169 kg

Warnings and Safety

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

Dimensional drawing

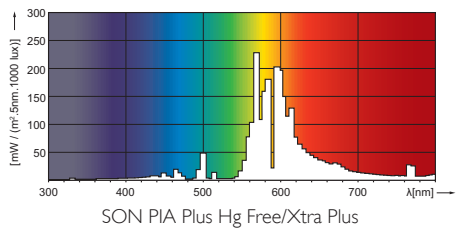


E40

SON APIA, E27/E40

Product	C (Max)	D (Max)
SON APIA Plus Hg Free 150W E40	227	91

Photometric data



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data subject to change