



MASTER SON PIA Plus

MASTER SON PIA Plus 250W/220 E40 1SL/12

High Pressure Sodium lamp with opalized ovoid outer bulb, high output and long reliable lifetime

Product data

• General Information

Cap-Base	E40 [GES]
Burning Position	UNIVERSAL [Any/Universal]
Life To 5% Failures (Nom)	20500 h
Life To 10% Failures (Nom)	24000 h
Life To 20% Failures (Nom)	28000 h
Life To 50% Failures (Nom)	36000 h
System Description	External Ignitor

• Light Technical

Lamp Luminous Flux (Nom)	30900 lm
Chromaticity Coordinate X (Nom)	530
Chromaticity Coordinate Y (Nom)	420
Correlated Colour Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Colour Rendering Index (Max)	25

• Operating and Electrical

Power (Rated) (Nom)	250 W
Lamp Current (EM) (Nom)	2.85 A
Ignition Supply Voltage (Max)	198 V

Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	120 s
Ignition Time (Max) Voltage (Max)	10 s 115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

• Controls and Dimming

Dimmable	yes
Run-Up Time 90% (Max)	5 min

• Mechanical and Housing

Bulb Finish	Coated [Coated glass]
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• Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	15 mg

• Luminaire Design Requirements

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

• Product Data

Full product code	871150019344515
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PHILIPS

MASTER SON PIA Plus

Order product name MASTER SON PIA Plus 250W/220
E40 1SL/12
EAN/UPC - Product 8711500193445
Order code 19344515
Numerator - Quantity Per Pack 1

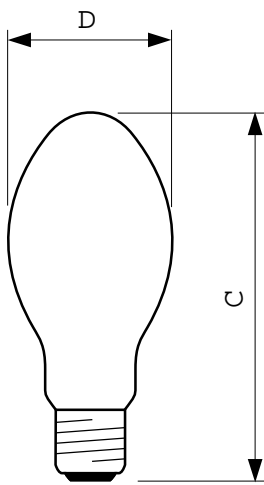
Numerator - Packs per outer box 12
Material Nr. (12NC) 928153309830
Net Weight (Piece) 0.170 kg
ILCOS Code SE-250-H/S-E40

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

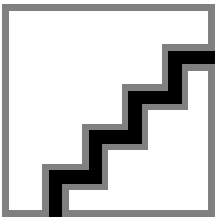
Dimensional drawing



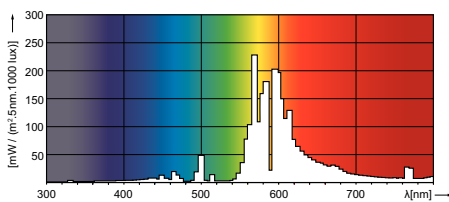
MASTER SON PIA

SON PIA Plus 250W/220 E40

Product	D	C
MASTER SON PIA Plus 250W/220 E40 1SL/12	91 mm	227 mm



Photometric data





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www.philips.com/lighting

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data subject to change