



MASTER SON PIA Plus

MASTER SON PIA Plus 50W E27

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

Product data

• General Information

Cap-Base	E27 [E27]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	14000 h
Life To 10% Failures (Nom)	17000 h
Life To 20% Failures (Nom)	22000 h
Life To 50% Failures (Nom)	30000 h
System Description	External Ignitor (E)

• Light Technical

Color Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	3900 lm
Chromaticity Coordinate X (Nom)	540
Chromaticity Coordinate Y (Nom)	410
Correlated Color Temperature (Nom)	1900 K
Luminous Efficacy (rated) (Nom)	76 lm/W
Color Rendering Index (Max)	25

• Operating and Electrical

Power (Rated) (Nom)	50 W
Lamp Current (EM) (Nom)	0.76 A
Ignition Supply Voltage (Max)	198 V

Ignition Peak Voltage (Max)	1800 V
Re-Ignition Time (Min) (Max)	180 s
Ignition Time (Max)	5 s
Voltage (Max)	100 V
Voltage (Min)	70 V
Voltage (Nom)	85 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)	12 mg

• Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C

• Product Data

Full product code	871829118038800
Order product name	MASTER SON PIA Plus 50W E27

PHILIPS

MASTER SON PIA Plus

EAN/UPC - Product 8718291180388
Order code 928061109835
Numerator - Quantity Per Pack 1

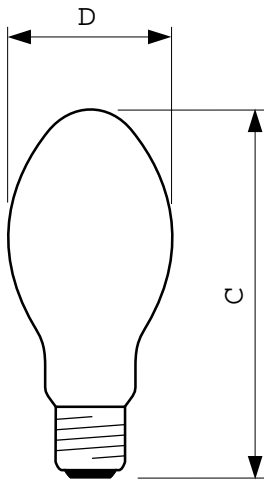
Numerator - Packs per outer box 24
Material Nr. (12NC) 928061109835
Net Weight (Piece) 0.051 kg

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.

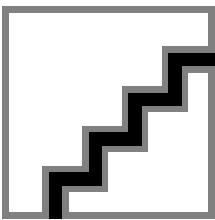
Dimensional drawing



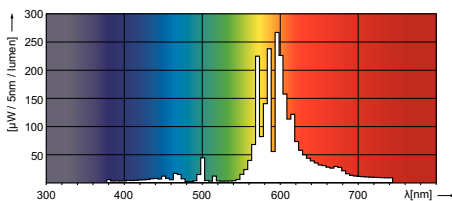
MASTER SON PIA

SON PIA Plus 50W E27

Product	D	C
MASTER SON PIA Plus 50W E27	71 mm	156 mm



Photometric data





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2015, December 28
data subject to change