

MASTER SON PIA Plus

MASTER SON PIA Plus 70W/220 I E27 1CT/24

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	Internal Ignitor (I)
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	96 %
LSF 16000 h Rated	92 %
LSF 20000 h Rated	83 %

• Light Technical

Colour Code	220 [CCT of 2000K]
Luminous Flux (Rated) (Nom)	5900 lm
Colour Temperature, horizontal (Nom)	1900 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Colour Rendering Index horiz (Max)	25
Depreciation 2000 hrs	92 %
LLMF 4000 h Rated	90 %
Depreciation 5000 hrs	89 %
LLMF 8000 h Rated	88 %
LLMF 12000 h Rated	87 %
LLMF 16000 h Rated	86 %
LLMF 20000 h Rated	86 %

• Operating and Electrical

Power (Rated) (Nom)	71.5 W
Lamp Current (EM) (Nom)	0.980 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	1800 V
Re-Ignition Time (Min) (Max)	600 s
Ignition Time (Max)	60 s
Voltage (Max)	105 V
Voltage (Min)	77 V
Voltage (Nom)	92 V

• Controls and Dimming

Dimmable	Yes
Run-up Time 90% (Max)	5 min

• Mechanical and Housing

Bulb Finish	Coated [Coated glass (CO)]

• Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	16 mg

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MASTER SON PIA Plus

Energy Consumption kWh/1000 h	78 kWh

- Luminaire Design Requirements

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

- Product Data

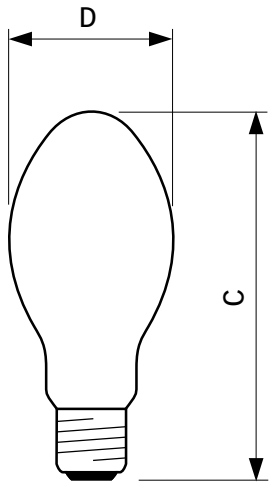
Full product code	871150020426430

Order product name	MASTER SON PIA Plus 70W/220 I E27 1CT/24
EAN/UPC - Product	8711500204264
Order code	20426430
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	928150008835
Net Weight (Piece)	0.055 kg
ILCOS Code	SE-70-H/I-E27

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

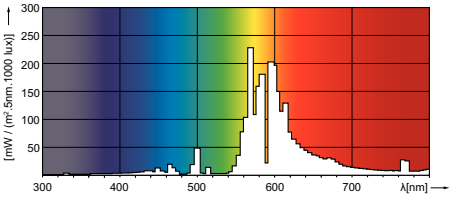


SON PIA Plus 70W/220 I E27

Product	D	C
MASTER SON PIA Plus 70W/220 I E27 1CT/24	70 mm	152 mm

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Photometric data



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