MASTER SON PIA Plus

MASTER SON PIA Plus 100W/220 E40 1SL/12

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

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.

Product data

General Information	
Cap base	E40
Operating position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	29,000 h

Light Technical	
Colour Code	220 [CCT of 2000K]
Luminous Flux	9,600 lm
Chromaticity Coordinate X (Nom)	0.535
Chromaticity Coordinate Y (Nom)	0.42
Correlated Colour Temperature (Nom)	2000 K
Luminous efficacy (rated) (nom.)	95 lm/W
Colour rendering index (CRI)	-

Operating and Electrical	
Power Consumption	101.0 W
Voltage (nom.)	100 V

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Lamp Finish	Coated glass
Bulb shape	B75
Net Weight (Piece)	0.125 kg

Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (max.)	16.3 mg
Mercury (Hg) content (nom.)	16.3 mg
Energy consumption kWh/1,000 hours	101 kWh
EPREL Registration Number	473388

MASTER SON PIA Plus

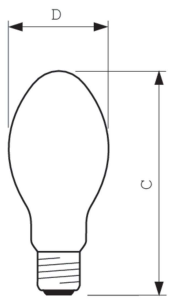
CE mark	Yes

Local order code	100SONPLUS
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500182258
Numerator – packs per outer box	12
EAN/UPC - Case	8711500182265

Product Data

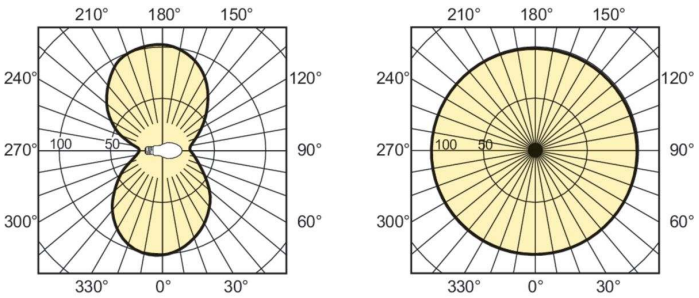
Order product name	MASTER SON PIA Plus 100W/220 E40 1SL/12
Full product name	MASTER SON PIA Plus 100W/220 E40 1SL/12
Full EOC	871150018225815
Order code	928151608827
Material no. (12 NC)	928151608827

Dimensional drawing

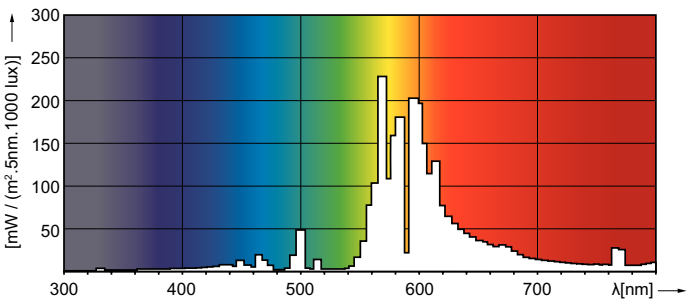


Product	D (max)	C (max)
MASTER SON PIA Plus 100W/220 E40 1SL/12	76 mm	186 mm

Photometric data



Light Distribution Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12



Spectral Power Distribution Colour - MASTER SON PIA Plus 100W/220 E40 1SL/12

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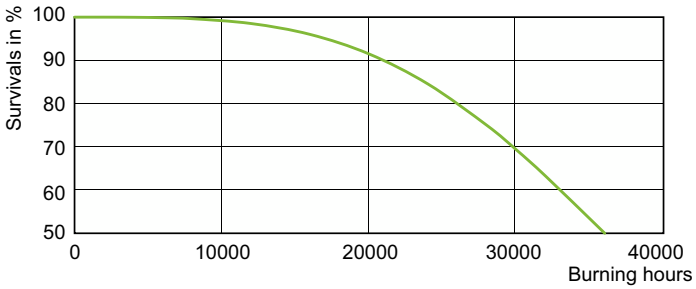
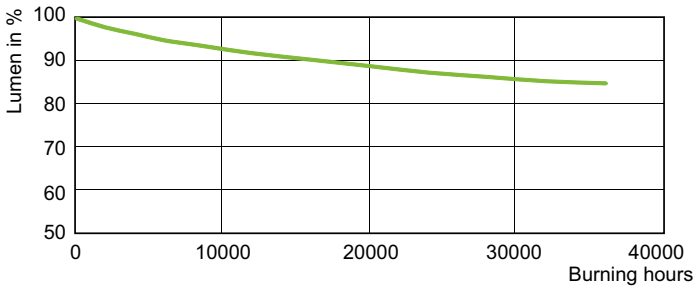
Lifetime



LDLE_SON-PIA_0002-Life expectancy diagram



Lumen Maintenance Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12

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