



MASTER SON PIA Plus



MASTER SON PIA Plus 400W/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.)	36,000 h
Light Technical	
Colour Code	220 [CCT of 2000K]
Luminous Flux	55,600 lm
Chromaticity Coordinate X (Nom)	0.535
Chromaticity Coordinate Y (Nom)	0.42
Correlated Colour Temperature	2000 K
Luminous efficacy (rated) (nom.)	136.27 lm/W
Colour rendering index (CRI)	-
Operating and Electrical	
Power Consumption	408.0 W

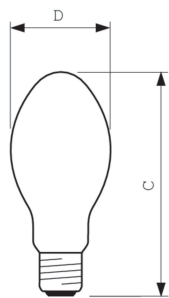
Voltage (nom.)	105 V
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Coated glass
Bulb shape	BD120 [BD 120 mm]
Approval and Application	
Energy Efficiency Class	E
Mercury (Hg) content (max.)	19.6 mg
Mercury (Hg) content (nom.)	20 mg
Energy consumption kWh/1,000 hours	408 kWh
EPREL registration number	473394

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Product Data	
Order product name	MASTER SON PIA Plus 400W/220 E40 1SL/12
Full product name	MASTER SON PIA Plus 400W/220 E40 1SL/12
Full EOC	871150019345215
Order code	19345215
Material no. (12 NC)	928153409830
Local order code	400SONPLUS

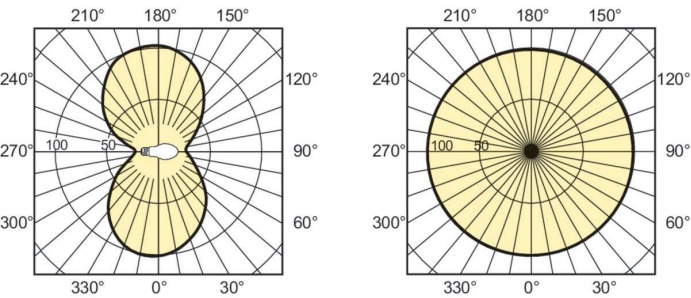
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500193452
Numerator – packs per outer box	12
EAN/UPC – Case	8711500195937

Dimensional drawing

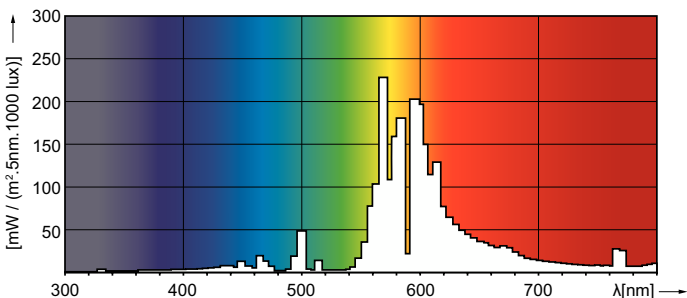


Product	D (max)	C (max)
MASTER SON PIA Plus 400W/220 E40 1SL/12	122 mm	290 mm

Photometric data



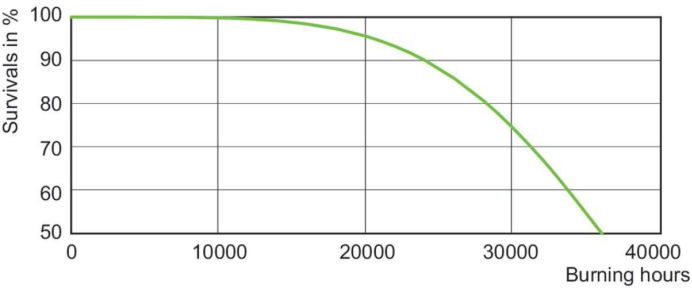
Light Distribution Diagram – MASTER SON PIA Plus 400W/220 E40 1SL/12



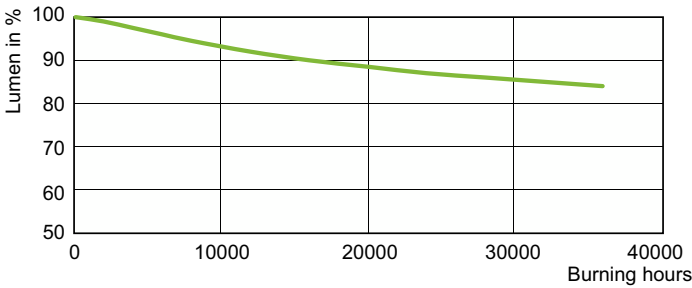
Spectral Power Distribution Colour – MASTER SON PIA Plus 400W/220 E40 1SL/12

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Lifetime



Life Expectancy Diagram - MASTER SON PIA Plus 400W/220 E40 1SL/12



Lumen Maintenance Diagram - MASTER SON PIA Plus 400W/220 E40 1SL/12

