



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

Warnings and Safety

- Control gear must include end-of-life protection (IEC60662, IEC 62035)
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- 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.
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Product data

General Information		Color rendering index (CRI) -	
Cap-Base	E40 [E40]		
Operating Position	UNIVERSAL [Any or Universal (U)]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	250.0 W
Life to 50% Failures (Nom)	36,000 hour(s)	Voltage (Nom)	96 V
		Voltage (Nom)	96 V
Light Technical			
Color Code	220 [CCT of 2000K]	Controls and Dimming	
uminous Flux	30,000 lm	Dimmable	Yes
Chromaticity Coordinate X (Nom)	0.535		
Chromaticity Coordinate Y (Nom)	0.42	Mechanical and Housing	
Correlated Color Temperature (Nom)	2000 К	Bulb Finish	Coated glass
Luminous Efficacy (rated) (Nom)	120 lm/W		

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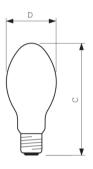
Bulb Shape	BD90 [BD 90mm]
Approval and Application	
Energy Efficiency Class	E
Mercury (Hg) Content (Max)	15.1 mg
Mercury (Hg) Content (Nom)	15.1 mg
Energy Consumption kWh/1000 h	250 kWh
EPREL Registration Number	473393
Product Data	

Full product name	MASTER SON PIA Plus 250W/220 E40 1SL/12
Full product code	871150019344515
Order code	928153309830
Material Nr. (12NC)	928153309830
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500193445
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500193469

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

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

Dimensional drawing



180°

0°

Photometric data

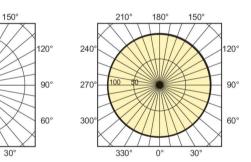
210°

330°

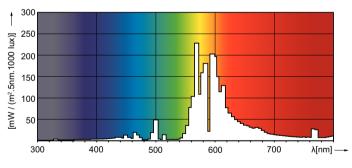
240

270

300



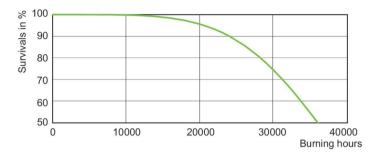
Light Distribution Diagram - MASTER SON PIA Plus 250W/220 E40 1SL/12



Spectral Power Distribution Colour - MASTER SON PIA Plus 250W/220 E40 1SL/12

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Lifetime



Life Expectancy Diagram - MASTER SON PIA Plus 250W/220 E40 1SL/12

\$ 100 90 80 70 60 50 0 1000 2000 3000 40000 Burning hours

Lumen Maintenance Diagram - MASTER SON PIA Plus 250W/220 E40 1SL/12



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