



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 hour(s)	
Light Technical		
Color Code	220 [CCT of 2000K]	
Luminous Flux	9,600 lm	
Chromaticity Coordinate X (Nom)	0.535	
Chromaticity Coordinate Y (Nom)	0.42	
Correlated Color Temperature (Nom)	2000 K	
Luminous Efficacy (rated) (Nom)	95 lm/W	
Color rendering index (CRI)	-	
	·	
Operating and Electrical		
Power Consumption	101.0 W	

Voltage (Nom)	100 V
Voltage (Nom)	100 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Shape	B75
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	16.3 mg
Mercury (Hg) Content (Nom)	16.3 mg
Energy Consumption kWh/1000 h	101 kWh
EPREL Registration Number	473388

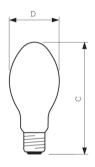
Datasheet, 2023, April 16 data subject to change

MASTER SON PIA Plus

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 product code	871150018225815
Order code	18225815
Material Nr. (12NC)	928151608827

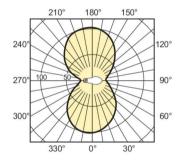
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500182258
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500182265

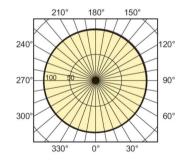
Dimensional drawing

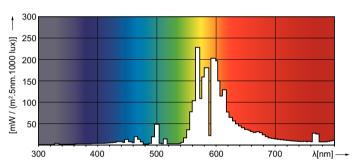


Product	D (max)	C (max)
MASTER SON PIA Plus 100W/220 E40 1SL/12	76 mm	186 mm

Photometric data





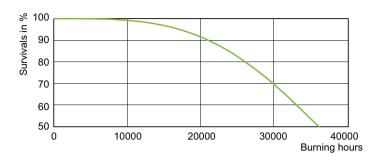


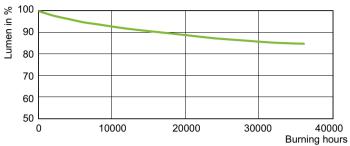
Light Distribution Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12

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

MASTER SON PIA Plus

Lifetime





Life Expectancy Diagram - MASTER SON PIA Plus 100W/220 E40 1SL/12

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.