



# MASTER SON PIA Plus

## MASTER SON PIA Plus 150W/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)
- · 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.
- 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 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	36,000 hour(s)
Light Technical	
Color Code	220 [CCT of 2000K]
Luminous Flux	16,600 lm
Chromaticity Coordinate X (Nom)	0.535
Chromaticity Coordinate Y (Nom)	0.42
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	107.79 lm/W

Color rendering index (CRI)	-	
Operating and Electrical		
Power Consumption	154.0 W	
Voltage (Nom)	100 V	
Voltage (Nom)	100 V	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Finish	Coated glass	

Datasheet, 2023, April 14 data subject to change

## **MASTER SON PIA Plus**

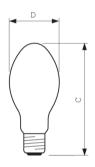
Bulb Shape	BD90 [BD 90mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	15.1 mg
Mercury (Hg) Content (Nom)	15 mg
Energy Consumption kWh/1000 h	154 kWh
EPREL Registration Number	473387
Product Data	

MASTER SON PIA Plus 150W/220 E40 1SL/12

Full product name	MASTER SON PIA Plus 150W/220 E40 1SL/12	
Full product code	871150018228915	
Order code	928151409827	
Material Nr. (12NC)	928151409827	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711500182289	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8711500182296	

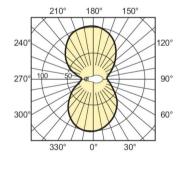
## Dimensional drawing

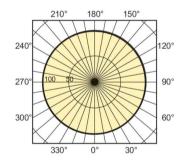
Order product name

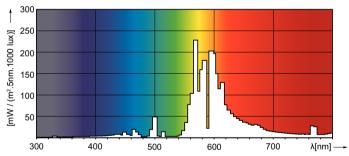


Product	D (max)	C (max)
MASTER SON PIA Plus 150W/220 E40 1SL/12	91 mm	227 mm

## Photometric data





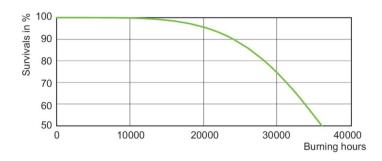


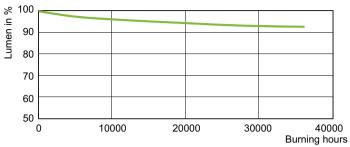
Light Distribution Diagram - MASTER SON PIA Plus 150W/220 E40 1SL/12

Spectral Power Distribution Colour - MASTER SON PIA Plus 150W/220 E40 1SL/12

## **MASTER SON PIA Plus**

## Lifetime





Life Expectancy Diagram - MASTER SON PIA Plus 150W/220 E40 1SL/12

Lumen Maintenance Diagram - MASTER SON PIA Plus 150W/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.