



# MASTER SON-T PIA Plus

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

High Pressure Sodium lamp with clear tubular outer bulb, high output and long reliable lifetime

## Product data

### • General Information

Cap-Base	E40 [ E40]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life To 5% Failures (Nom)	20500 h
Life To 10% Failures (Nom)	24000 h
Life To 20% Failures (Nom)	28000 h
Life To 50% Failures (Nom)	36000 h
Ansi Code HID	-
System Description	External Ignitor (E)

### • Light Technical

Color Code	220 [ CCT of 2000K]
Luminous Flux (Rated) (Nom)	17700 lm
Chromaticity Coordinate X (Nom)	535
Chromaticity Coordinate Y (Nom)	420
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color Rendering Index (Max)	25

### • Operating and Electrical

Power (Rated) (Nom)	150 W
Lamp Current (EM) (Nom)	1.8 A

Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	2800 V
Re-Ignition Time (Min) (Max)	180 s
Ignition Time (Max)	5 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	230 V

### • Controls and Dimming

Dimmable	Yes
Run-Up Time 90% (Max)	4 min

### • Mechanical and Housing

Bulb Finish	Clear (CL)
Cap-Base Information	na [ -]

### • Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	15 mg
Energy Consumption kWh/1000 h	169 kWh

### • Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

**PHILIPS**

# MASTER SON-T PIA Plus

## Product Data

Full product code 871150019229515  
 Order product name MASTER SON-T PIA Plus 150W/220  
 E40 - 1SL/12  
 EAN/UPC - Product 8711500192295  
 Order code 928150909230

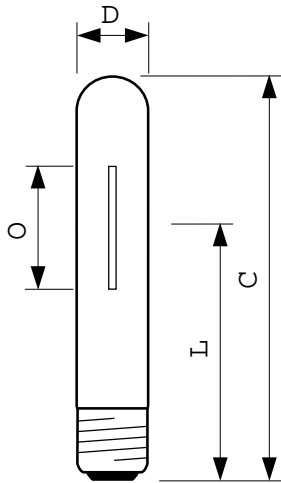
Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 12  
 Material Nr. (12NC) 928150909230  
 Net Weight (Piece) 0.142 kg  
 ILCOS Code ST-150-H/S-E40

## 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.

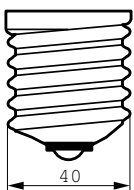
## Dimensional drawing



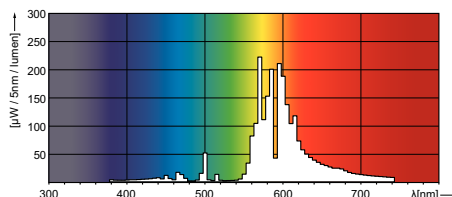
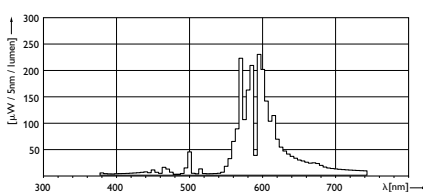
## SON-T Plus 150W/220 E40

Product	D	O	L	C
MASTER SON-T PIA Plus 150W/220 E40 - 1SL/12	48 mm	61 mm	132 mm	210 mm

SON-T PIA Plus, E39/E40



## Photometric data





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data subject to change