



MASTER SON-T PIA Plus

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

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

Product data

• General Characteristics

System Description	External Ignitor
Cap-Base	E40
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	20500 hr
Life to 10% failures	24000 hr
Life to 20% failures	28000 hr
Life to 50% failures	36000 hr
LSF EM 2000h Rated, 12h cycle	100 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 8000h Rated, 12h cycle	99 %
LSF EM 12000h Rated, 12h cycle	99 %
LSF EM 16000h Rated, 12h cycle	98 %
LSF EM 20000h Rated, 12h cycle	95 %

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Luminous Flux EM 25°C, Rated	17700 Lm
Lum Efficacy Rated EM 25°C	116 Lm/W

Luminance Average EM	340 cd/cm ²
LLMF EM 2000h Rated	99 %
LLMF EM 4000h Rated	98 %
LLMF EM 6000h Rated	97 %
LLMF EM 8000h Rated	96 %
LLMF EM 12000h Rated	96 %
LLMF EM 16000h Rated	95 %
LLMF EM 20000h Rated	94 %
Chromaticity Coordinate X	535 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	150 W
Lamp Wattage EM 25°C, Nominal	150.0 W
Lamp Wattage EM 25°C, Rated	154.0 W
Voltage	230 V
Lamp Voltage	100 V
Lamp Current EM	1.8 A
Ignition Time	5 (max) s
Run-up time 90%	4 (max) min
Dimmable	Yes
Re-ignition Time [sec]	180 (max) s

PHILIPS

MASTER SON-T PIA Plus

Ratio scotopic/
photopic lumens 0.55 -

Arc Length \varnothing 61 mm

• Environmental Characteristics

Energy Efficiency Label (EEL) A+
Mercury (Hg) Content 16 mg
Energy consumption kWh/1000h 169 kWh

• Luminaire Design Requirements

Cap-Base Temperature 250 (max) C
Bulb Temperature 450 (max) C

• Product Dimensions

Overall Length C 210 (max) mm
Diameter D 48 (max) mm
Light Center Length L 132 mm

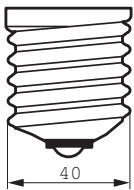
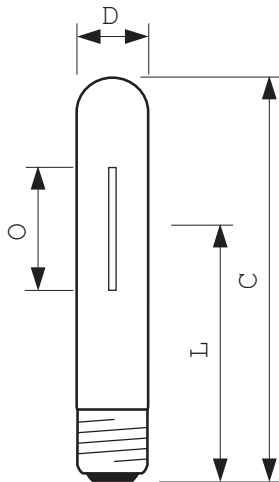
• Product Data

Order code 928150909230
Full product code 928150909230
Full product name MASTER SON-T PIA Plus 150W/220 E40 1SL
Order product name MST SON-T PIA Plus 150W/220 E40 1SL/12
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8711500192295
Bar code on outerbox - EAN3 8711500192721
Logistic code(s) - 12NC 928150909230
ILCOS code ST-150-H/S-E40
Net weight per piece 0.142 kg

Warnings and Safety

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

Dimensional drawing

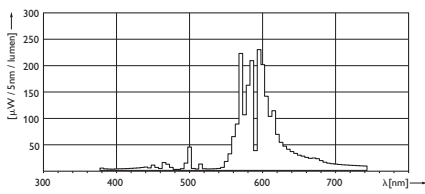


E40

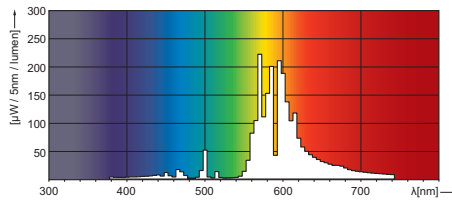
MASTER SON-T PIA Plus 150W/220 E40 1SL

Product	C (Max)	D (Max)	L (Norm)	\varnothing (Norm)
SON-T Plus 150W/220 E40	210	48	132	61

Photometric data



MASTER SON-T PIA Plus 100W, 150W & 250W



MASTER SON-T PIA Plus 100W, 150W, 250W



© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, October 9
data subject to change