

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	17000 hr
Life to 10% failures	21000 hr
Life to 20% failures	26000 hr
Life to 50% failures	36000 hr
LSF EM 20000h	91 %
Rated,12h cycle	
LSF EM 16000h	96 %
Rated,12h cycle	
LSF EM 12000h	98 %
Rated,12h cycle	
LSF EM 8000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 2000h Rated, 12h cycle	100 %

• Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Color Temperature	2000 K
Technical Chromaticity Coordinate X	535 -

Chromaticity Coordinate Y	420 -
Luminance Average EM	340 cd/cm ²
Lum Efficacy Rated EM 25°C	117 Lm/W
LLMF EM 20000h Rated	94 %
LLMF EM 16000h Rated	95 %
LLMF EM 12000h Rated	96 %
LLMF EM 8000h Rated	96 %
LLMF EM 6000h Rated	97 %
LLMF EM 4000h Rated	98 %
LLMF EM 2000h Rated	99 %
Luminous Flux EM 25°C, Rated	18000 Lm

• Electrical Characteristics

Lamp Wattage	150 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
Lamp Wattage EM 25°C, Rated	154 W

PHILIPS

sense and simplicity

MASTER SON-T PIA Plus

Lamp Wattage EM 150 W
25°C, Nominal

• Environmental Characteristics

Mercury (Hg) Content 16 mg

• 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
Arc Length O 61 mm

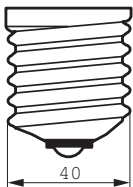
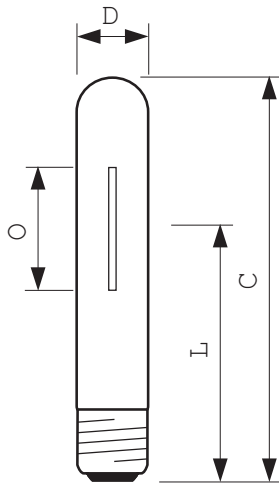
• Product Data

Order code 928150909203
Full product code 928150909203
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 928150909203
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

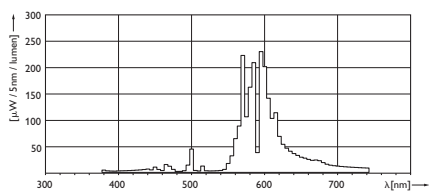


E40

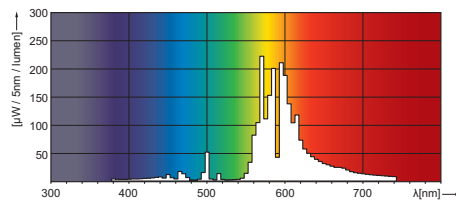
SON-T PIA Plus, E39/E40

Product	C (Max)	D (Max)	L (Norm)	O (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



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data subject to change