



MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 600W/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	GES [GES]
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	12000 hr
Life to 10% failures	15000 hr
Life to 20% failures	20000 hr
Life to 50% failures	30000 hr

• Light Technical Characteristics

Colour Code	220 [CCT of 2000K]
Colour Rendering Index	25 (max) Ra8
Colour Temperature	2000 K
Colour Temperature Technical	2000 K
Chromaticity Coordinate X	524 -
Chromaticity Coordinate Y	426 -
Lamp Luminous Efficacy EM	150 Lm/W
Lumen Maintenance 2000h	96 %
Lumen Maintenance 5000h	90 %
Lumen Maintenance 20000h	77 %
Luminous Flux EM 25°C, Rated	90000 Lm

• Electrical Characteristics

Lamp Wattage	600 W
Lamp Wattage EM	600 W
Voltage	230 V
Lamp Voltage	115 V
Lamp Current EM	5.8 A
Ignition Time	10 (max) s
Run-up time 90%	5 (max) min
Dimmable	no
Re-ignition Time [sec]	60 (max) s

• Environmental Characteristics

Mercury (Hg) Content	24 mg
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• Luminaire Design Requirements

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

• Product Dimensions

Overall Length C	283 (max) mm
Diameter D	47 (max) mm
Light Center Length L	174.2 mm
Arc Length O	126 mm

• Product Data

Order code	197429 15
Full product code	871150019742915
Full product name	MASTER SON-T PIA Plus 600W/220 E40 1SL

PHILIPS

sense and simplicity

MASTER SON-T PIA Plus

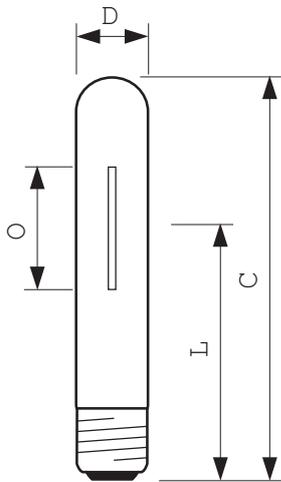
Order product name MST SON-T PIA Plus 600W/220 E40
 1SL/12
 Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8711500197429

Bar code on outerbox - EAN3 8711500197436
 Logistic code(s) - 12NC 928158409227
 ILCOS code ST-600-H/S-E40
 Net weight per piece 0.177 kg

Warnings and Safety

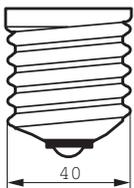
- Control gear must include end-of-life protection (IEC60662, IEC 62035)

Dimensional drawing

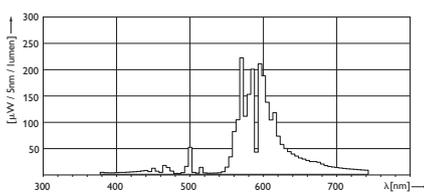


SON-T PIA Plus, E39/E40

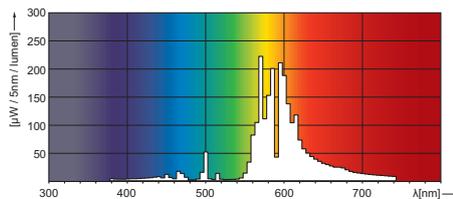
Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SON-T Plus 600W/220 E40	283	47	174.2	126



Photometric data



MASTER SON-T PIA Plus 600W



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data subject to change