

# PHILIPS

## MASTER SON-T PIA Plus

### MASTER SON-T PIA Plus 100W E40 1SL



## Specifications

### 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	hr

Life to 20% failures	23500 hr
Life to 50% failures	28000 hr
LSF EM 2000h Rated,12h cycle	%
LSF EM 4000h Rated,12h cycle	%
LSF EM 6000h Rated,12h cycle	%
LSF EM 8000h Rated,12h cycle	%
LSF EM 12000h Rated,12h cycle	%
LSF EM 16000h Rated,12h cycle	%
LSF EM 20000h Rated,12h cycle	%
<b>Light Technical Characteristics</b>	
Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2000 K
Luminous Flux Lamp EM	10700 Lm
Luminous Flux EM 25°C, Rated	Lm
Luminous Efficacy Lamp EM	107 Lm/W
Lum Efficacy Rated EM 25°C	Lm/W
Lumen Maintenance 2000h	97 %
Lumen Maintenance 4000h	%
Lumen Maintenance 5000h	95 %
Lumen Maintenance 12000h	%
Lumen Maintenance 20000h	%
Luminance Average EM	cd/cm2

LLMF EM 2000h Rated	%
LLMF EM 4000h Rated	%
LLMF EM 6000h Rated	%
LLMF EM 8000h Rated	%
LLMF EM 12000h Rated	%
LLMF EM 16000h Rated	%
LLMF EM 20000h Rated	%
Design Mean Lumens	Lm
Chromaticity Coordinate X	525 -
Chromaticity Coordinate Y	420 -
<b>Electrical Characteristics</b>	
Lamp Wattage	100 W
Lamp Wattage EM 25°C, Nominal	100.0 W
Lamp Wattage EM 25°C, Rated	100.0 W
Voltage	110 V
Lamp Voltage	100 V
Lamp Current EM	1.2 A
Ignition Time	5 (max) s
Run-up time 90%	4 (max) min
Ignition Supply Voltage	V
Ignition Peak Voltage	V
Dimmable	No
Re-ignition Time [sec]	120 (max) s
<b>Environmental Characteristics</b>	

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	16.3 mg
Energy consumption kWh/1000h	110 kWh
<b>Luminaire Design Requirements</b>	
Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C
<b>Product Dimensions</b>	
Overall Length C	209 (max) mm
Diameter D	47 (max) mm
Light Center Length L	132 mm
Arc Length O	mm
Light Center Length L [inch]	in
Overall Length C [inch]	in
Diameter D [inch]	in
<b>Product Data</b>	
Order code	928483300095
Full product code	928483300095
Full product name	MASTER SON-T PIA Plus 100W E40 1SL
Order product name	MST SON-T PIA Plus 100W E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8718291180715
Bar code on outerbox - EAN3	8718291180722

Logistic code(s) - 12NC

928483300095

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Net weight per piece

0.173 kg

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Successor order code

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