

PHILIPS

MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 250W E40 1SL



Specifications

General Characteristics

System Description	External Ignitor
Cap-Base	E40
Cap-Base Information	45
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	33000 Lm
Lum Efficacy Rated EM 25°C	127 Lm/W
Luminance Average EM	470 cd/cm2
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 %

Design Mean Lumens	Lm
Chromaticity Coordinate X	530 -
Chromaticity Coordinate Y	420 -
Electrical Characteristics	
Lamp Wattage	250 W
Lamp Wattage EM 25°C, Nominal	250.0 W
Lamp Wattage EM 25°C, Rated	250.0 W
Voltage	230 V
Lamp Voltage	100 V
Lamp Current EM	3 A
Ignition Time	10 (max) s
Run-up time 90%	5 (max) min
Ignition Supply Voltage	V
Ignition Peak Voltage	V
Dimmable	Yes
Re-ignition Time [sec]	120 (max) s
Ratio scotopic/photopic lumens	0.60 -
Environmental Characteristics	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	15 mg
Energy consumption kWh/1000h	275 kWh
Luminaire Design Requirements	
Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C
Product Dimensions	

Overall Length C	257 (max) mm
Diameter D	48 (max) mm
Light Center Length L	158 mm
Arc Length O	64 mm
Light Center Length L [inch]	6.875 in
Overall Length C [inch]	11.125 (max) in
Diameter D [inch]	1.75 in
Product Data	
Order code	928144709293
Full product code	928144709293
Full product name	MASTER SON-T PIA Plus 250W E40 1SL
Order product name	MST SON-T PIA Plus 250W E40 1SL/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8718291180753
Bar code on outerbox - EAN3	8718291180760
Logistic code(s) - 12NC	928144709293
ILCOS code	ST-250-H/E-E40
Net weight per piece	0.198 kg
Successor order code	