



MASTER SON-T PIA Plus

MASTER SON-T PIA Plus 150W/220 E40 - 1SL/12

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

Product data

General Information			
Cap-Base	E40 [E40]	Chromaticity Coordinate X (Nom)	535
Bulb Shape	T46 [T 46mm]	Chromaticity Coordinate Y (Nom)	420
Operating Position	UNIVERSAL [Any or Universal (U)]	Correlated Color Temperature (Nom)	2000 K
Life To 5% Failures (Nom)	20500 h	Luminous Efficacy (rated) (Nom)	116 lm/W
Life To 10% Failures (Nom)	24000 h	Color Rendering Index (Max)	25
Life To 20% Failures (Nom)	28000 h	LLMF 2000 h Rated	99 %
Life To 50% Failures (Nom)	36000 h	LLMF 4000 h Rated	98 %
ANSI Code HID	-	LLMF 6000 h Rated	97 %
System Description	External Ignitor	LLMF 8000 h Rated	96 %
LSF 2000 h Rated	100 %	LLMF 12000 h Rated	96 %
LSF 4000 h Rated	99 %	LLMF 16000 h Rated	95 %
LSF 6000 h Rated	99 %	LLMF 20000 h Rated	94 %
LSF 8000 h Rated	99 %		
LSF 12000 h Rated	99 %	Operating and Electrical	
LSF 16000 h Rated	98 %	Lamp supply voltage	230 V [230]
LSF 20000 h Rated	95 %	Power (Rated) (Nom)	154.0 W
		Lamp Current (EM) (Nom)	1.8 A
		Ignition Supply Voltage (Max)	198 V
		Ignition Peak Voltage (Max)	2800 V
		Re-Ignition Time (Min) (Max)	180 s
		Ignition Time (Max)	5 s
Light Technical			
Color Code	220 [CCT of 2000K]		
Luminous Flux (Rated) (Nom)	17700 lm		

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Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

Controls and Dimming

Dimmable	Yes
Run-Up Time 90% (Max)	4 min

Mechanical and Housing

Bulb Finish	Clear
Cap-Base Information	-

Approval and Application

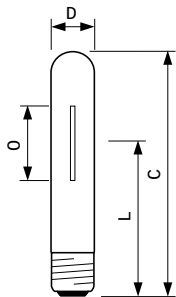
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	15 mg
Energy Consumption kWh/1000 h	169 kWh

Luminaire Design Requirements	
Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	250 °C

Product Data

Full product code	871150019229515
Order product name	MASTER SON-T PIA Plus 150W/220 E40 - 1SL/12
EAN/UPC - Product	8711500192295
Order code	928150909230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928150909230
Net Weight (Piece)	0.142 kg
ILCOS Code	ST-150-H/S-E40

Dimensional drawing



SON-T Plus 150W/220 E40

Product	D	O	L	C
MASTER SON-T PIA Plus 150W/220 E40 - 1SL/12	48 mm	61 mm	132 mm	210 mm

