



HPI-T High Wattage

HPI-T 1000W/543 E40 1SL/4

Quartz metal halide lamps with clear outer bulb

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury lamps
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	P [Parallel or Horizontal(HOR)]
Life to 5% Failures (Nom)	3000 h
Life To 10% Failures (Nom)	5500 h
Life to 20% Failures (Nom)	8000 h
Life to 50% Failures (Nom)	12000 h
System Description	-
Light Technical	
Color Code	543 [CCT of 4300K]
Luminous Flux (Rated) (Min)	73890 lm
Luminous Flux (Rated) (Nom)	82100 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	75 %
Lumen Maintenance 2000 h (Nom)	87 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	370

Chromaticity Coordinate Y (Nom)	380
Correlated Color Temperature (Nom)	4300 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color Rendering Index (Nom)	57
Operating and Electrical	
Lamp supply voltage	220 V [220]
Power (Nom)	990 W
Lamp Current Run-Up (Max)	14.2 A
Lamp Current (EM) (Nom)	8.25 A
Ignition Supply Voltage (Max)	198 V
Ignition Supply Voltage (Min)	198 V
Ignition Time (Max)	30 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	86 mg
Energy Consumption kWh/1000 h	1089 kWh

Luminaire Design Requirements

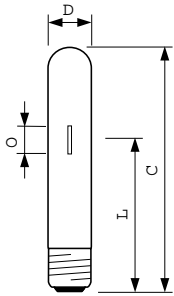
Bulb Temperature (Max)	555 °C
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Cap-Base Temperature (Max)	300 °C
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Product Data

Full product code	871150018373645
Order product name	HPI-T 1000W/543 E40 1SL/4
EAN/UPC - Product	8711500183736
Order code	928482600096
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	928482600096
Net Weight (Piece)	0.426 kg

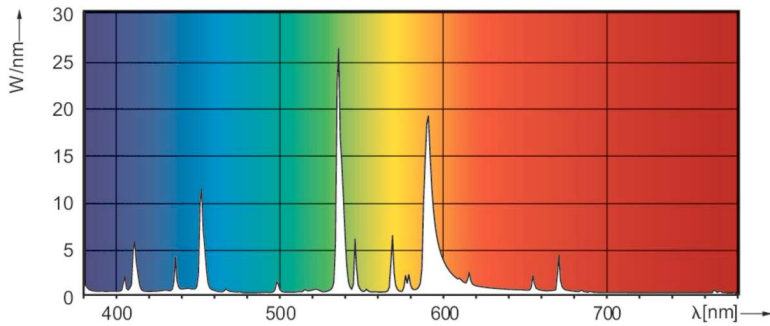
Dimensional drawing



Product	D (max)	O	L	C (max)
HPI-T 1000W/543 E40 1SL/4	66 mm	80 mm	240 mm	382 mm

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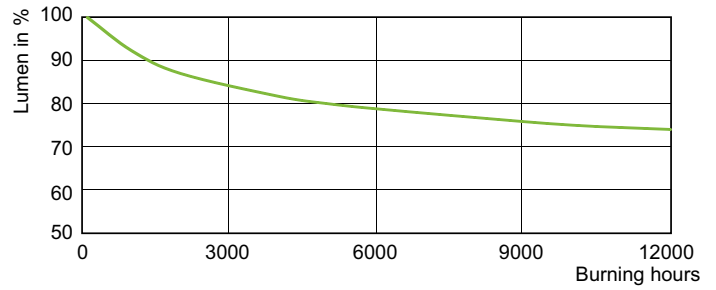
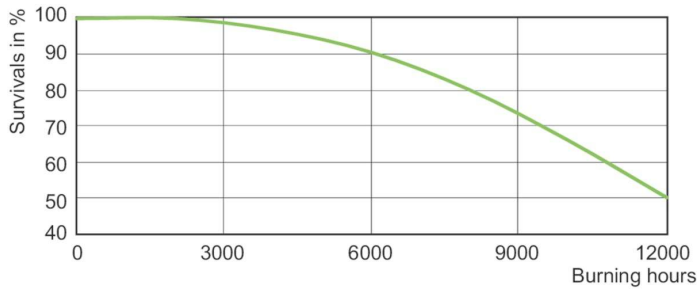
Photometric data



LDPO_HPI-THW-Spectral power distribution Colour

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Lifetime



LDLE_HPI-THW_0003-Life expectancy diagram

LDLM_HPI-THW_0003-Lumen maintenance diagram

