



HPI-T

HPI-T 2000W/542 E40 380V 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.
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

General information	
Base	E40 [E40]
Operating Position	Horizontal +/- 20 D [Horizontal +/- 20 D]
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	High Output (HO)

Light technical	
Color Code	542 [CCT of 4200K]
Luminous Flux (Rated) (Min)	180000 lm
Luminous Flux (Rated) (Nom)	200000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	75 %

Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	387
Chromaticity Coordinate Y (Nom)	403
Correlated Color Temperature (Nom)	3800 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color Rendering Index (Nom)	59

Operating and electrical	
Lamp supply voltage	380 V [380]
Power (Rated) (Nom)	1980 W
Lamp Current Run-Up (Max)	15.3 A
Lamp Current (EM) (Nom)	9.1 A
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	342 V

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Ignition Time (Max)	30 s
Voltage (Max)	247 V
Voltage (Min)	217 V
Voltage (Nom)	232 V

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Clear
Bulb Shape	T100 [T 100mm]

Approval and application

Mercury (Hg) Content (Nom)	256 mg
Energy Consumption kWh/1000 h	2178 kWh

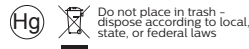
Luminaire design requirements

Bulb Temperature (Max)	1112 °F
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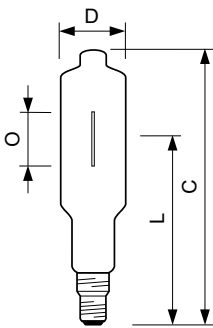
Cap-Base Temperature (Max)	572 °F
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Product data

Order product name	HPI-T 2000W/542 E40 380V 1SL/4
EAN/UPC - Product	8711500202352
Order code	674101
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	928074209228
Copy Net Weight (Piece)	1.292 lb
ILCOS Code	MT-2000/42/2B-H-E40-/H



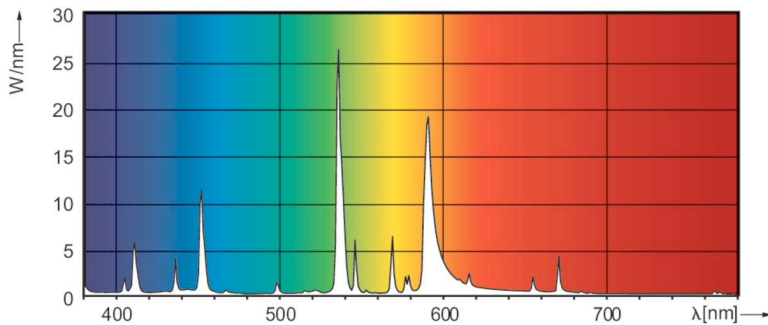
Dimensional drawing



HPI-T 2000W/542 E40 380V 1SL/4

Product	D (max)	O	L	C (max)
HPI-T 2000W/542 E40 380V 1SL/4	101.5 mm	120 mm	267 mm	430 mm

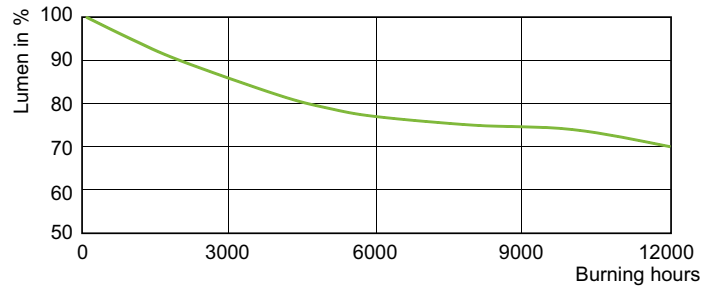
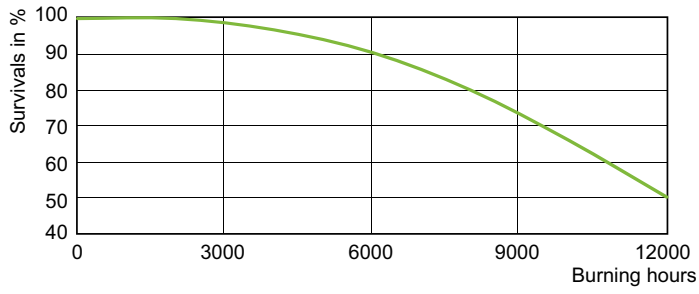
Photometric data



LDPO_HPI-THW-Spectral power distribution Colour

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Lifetime



LDLE_HPI-THW_0002-Life expectancy diagram

LDLM_HPI-THW_0002-Lumen maintenance diagram

