



# HPI-T High Wattage

## 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.

### Product data

General information	
Cap-Base	E40 [ E40]
Operating Position	P20 [ Parallel +/-20D 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	High Output

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

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## 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

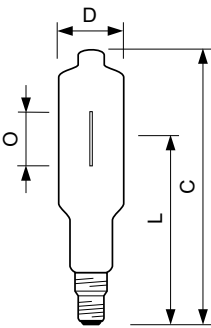
## Luminaire design requirements

Bulb Temperature (Max)	600 °C
Cap-Base Temperature (Max)	300 °C

## Product data

Full product code	871150020235245
Order product name	HPI-T 2000W/542 E40 380V 1SL/4
EAN/UPC - Product	8711500202352
Order code	928074209228
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	928074209228
Net Weight (Piece)	586.000 g
ILCOS Code	MT-2000/42/2B-H-E40-/H

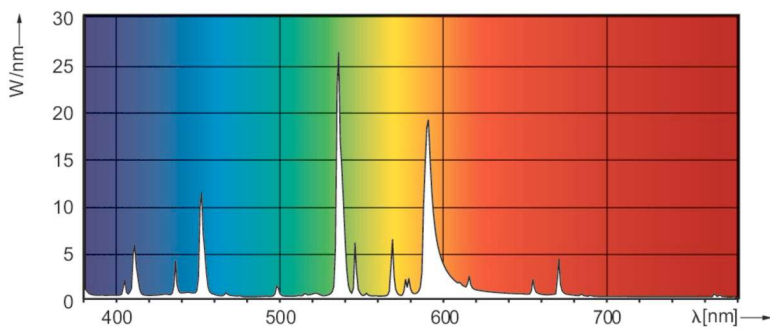
## Dimensional drawing



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

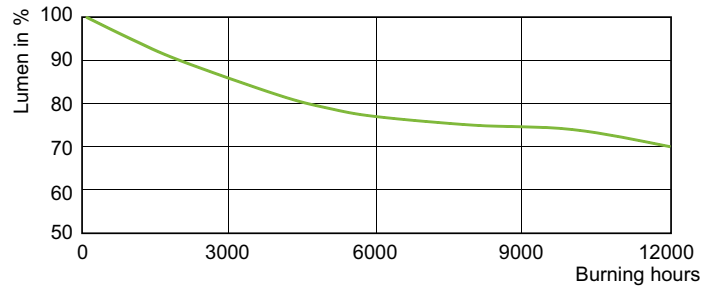
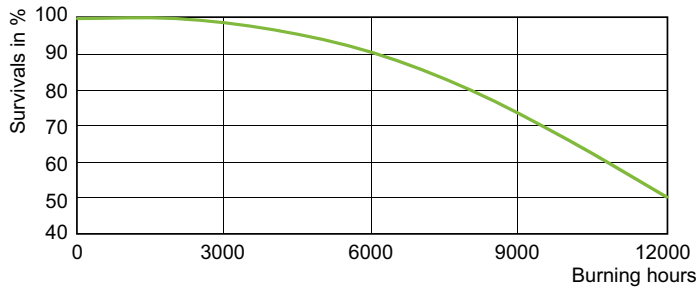
## Photometric data



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

