



# HPI-T High Wattage

## HPI-T 2000W/646 E40 220V CRP/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]	Chromaticity Coordinate X (Nom)	375
Operating Position	P75 [ Parallel +/-75D or Horizontal(HOR)]	Chromaticity Coordinate Y (Nom)	385
Life to 5% Failures (Nom)	3000 h	Correlated Color Temperature (Nom)	4200 K
Life To 10% Failures (Nom)	5500 h	Luminous Efficacy (rated) (Nom)	95 lm/W
Life to 20% Failures (Nom)	8000 h	Color Rendering Index (Nom)	63
Life to 50% Failures (Nom)	12000 h		
System Description	-	Operating and electrical	
Light technical		Lamp supply voltage	220 V [ 220]
Color Code	646 [ CCT of 4600K]	Power (Nom)	1980 W
Luminous Flux (Rated) (Min)	182000 lm	Lamp Current Run-Up (Max)	28.4 A
Luminous Flux (Rated) (Nom)	189000 lm	Lamp Current (EM) (Nom)	16.5 A
Color Designation	Cool White (CW)	Ignition Peak Voltage (Max)	5000 V
Lumen Maintenance 10000 h (Nom)	60 %	Ignition Supply Voltage (Min)	198 V
Lumen Maintenance 2000 h (Nom)	77 %	Ignition Time (Max)	30 s
Lumen Maintenance 5000 h (Nom)	67 %	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
Bulb Shape	T100 [ T 100mm]

### Approval and application

Mercury (Hg) Content (Nom)	155 mg
Energy Consumption kWh/1000 h	2178 kWh

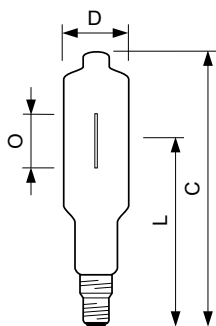
### Luminaire design requirements

Bulb Temperature (Max)	600 °C
Cap-Base Temperature (Max)	300 °C
Cap-Base Temperature (Max)-DUP(do not use)	572 °F

### Product data

Full product code	871150018376745
Order product name	HPI-T 2000W/646 E40 220V CRP/4
EAN/UPC - Product	8711500183767
Order code	928073609231
Numerator - Quantity Per Pack	1
Local code description	2052001217
Numerator - Packs per outer box	4
Material Nr. (12NC)	928073609231
Net Weight (Piece)	569.000 g
ILCOS Code	MT-2000/46/2B-H-E40-/H

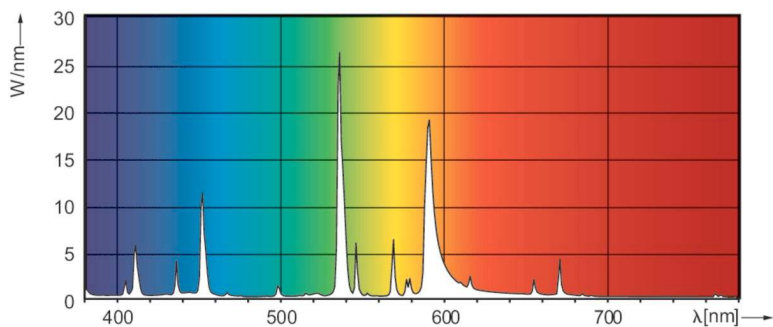
## Dimensional drawing



HPI-T 2000W/646 E40 220V CRP/4

Product	D (max)	O	L	C (max)
HPI-T 2000W/646 E40 220V CRP/4	101.5 mm	89 mm	290 mm	430 mm

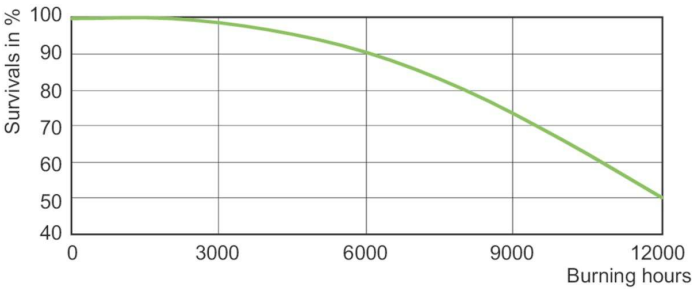
## Photometric data



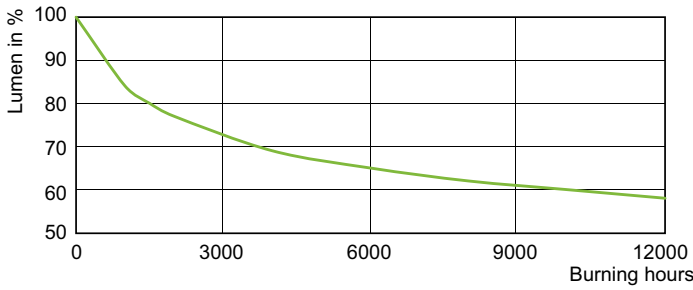
LDPO\_HPI-THW-Spectral power distribution Colour

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Lifetime



LDLE\_HPI-THW\_0003-Life expectancy diagram



LDLM\_HPI-THW\_0001-Lumen maintenance diagram

