

HPI-T

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

Quartz metal halide lamps with clear outer bulb

Product data

• General Information

Cap-Base	E40 [E40]
Operating Position	P75 [Parallel +/-75D 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	na [-]

• Light Technical

Colour Code	646 [CCT of 4600K]
Luminous Flux (Rated) (Min)	182000 lm
Luminous Flux (Rated) (Nom)	189000 lm
Colour Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Nom)	77 %
Lumen Maintenance 5000 h (Nom)	67 %
Chromaticity Coordinate X (Nom)	375
Chromaticity Coordinate Y (Nom)	385
Colour Temperature, horizontal (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Colour Rendering Index horiz (Nom)	65

• Operating and Electrical

Lamp supply voltage	220 V [220]
Power (Rated) (Nom)	1960.0 W
Lamp Current Run-Up (Max)	28.4 A
Lamp Current (EM) (Nom)	16.5 A
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Time (Max)	30 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

• Controls and Dimming

Dimmable	No

• Mechanical and Housing

Bulb Finish	Clear (CL)

• Approval and Application

Energy Efficiency Label	A+
Mercury (Hg) Content (Nom)	155 mg
Energy Consumption kWh/1000 h	2156 kWh

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- Luminaire Design Requirements

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

- Product Data

Full product code	871150018376745

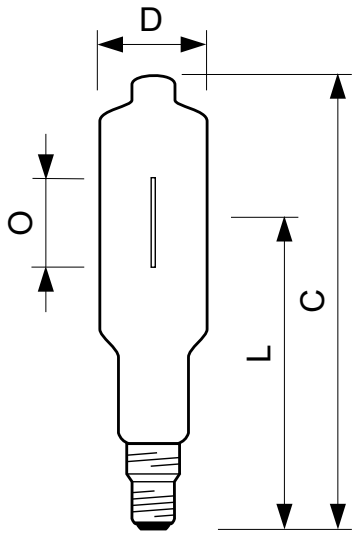
Order product name	HPI-T 2000W/646 E40 220V CRP/4
EAN/UPC - Product	8711500183767
Order code	18376745
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	928073609231
Net Weight (Piece)	555.000 g
ILCOS Code	MT-2000/46/2B-H-E40-/H

Warnings and Safety

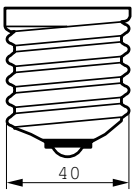
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

- 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.

Dimensional drawing



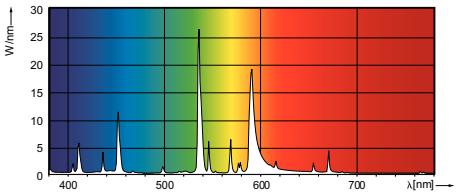
HPI-T, 1000W, E40



HPI-T 2000W/646 E40 220V

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

Photometric data



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data subject to change