



# **HPI-T High Wattage**

# 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                 | -   |
|                                    |   |
| Light Technical                    |   |
| Color Code                         | 646 [ CCT of 4600K]                       |
| Luminous Flux (Rated) (Min)        | 182000 lm                                 |
| Luminous Flux (Rated) (Nom)        | 189000 lm                                 |
| Color 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                                       |
| Correlated Color Temperature (Nom) | 4200 K                                    |
| Luminous Efficacy (rated) (Nom)    | 96 lm/W                                   |
| Color Rendering Index (Nom)        | 63  |
|                                    |   |
| Operating and Electrical           |   |
| Lamp supply voltage                | 220 V [ 220]                              |
| Power (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           |
|                               |                 |
| Approval and Application      |                 |
| Energy Efficiency Label (EEL) | A+              |
| Mercury (Hg) Content (Nom)    | 155 mg          |
| Energy Consumption kWh/1000 h | 2156 kWh        |
|                               |                 |
| Luminaire Design Requirements |                 |
| Bulb Temperature (Max)        | 600 °C          |
| Cap-Base Temperature (Max)    | 300 °C          |
|                               |                 |
| Product Data                  |                 |
| Full product code             | 871150018376745 |
|                               |                 |

Datasheet, 2020, March 19 data subject to change

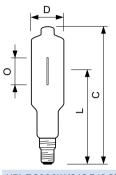
# **HPI-T High Wattage**

| Order product name              | HPI-T 2000W/646 E40 220V CRP/4 |
|---------------------------------|--------------------------------|
| EAN/UPC - Product               | 8711500183767                  |
| Order code                      | 928073609231                   |
| Numerator - Quantity Per Pack   | 1                              |
| 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 |

## **Warnings and Safety**

## Dimensional drawing

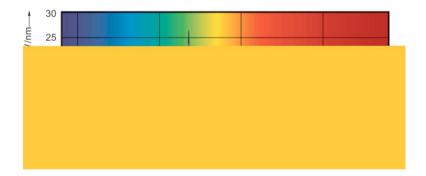


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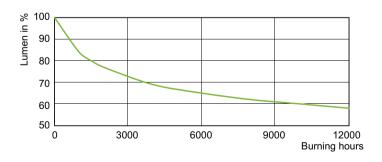
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#### Photometric data



## Lifetime



LDLM\_HPI-THW\_0001-Lumen maintenance diagram

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