



# HPI-T High Wattage

## HPI-T 1000W/543 E40 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              | P [ Parallel 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                      | 543 [ CCT of 4300K]              |
| Luminous Flux (Rated) (Min)     | 73890 lm                         |
| Luminous Flux (Rated) (Nom)     | 82100 lm                         |
| Color Designation               | Cool White (CW)                  |
| Lumen Maintenance 10000 h (Nom) | 75 %                             |
| Lumen Maintenance 2000 h (Nom)  | 87 %                             |
| Lumen Maintenance 5000 h (Nom)  | 80 %                             |
| Chromaticity Coordinate X (Nom) | 370                              |

| Chromaticity Coordinate Y (Nom)    | 380          |
|------------------------------------|--------------|
| Correlated Color Temperature (Nom) | 4300 K       |
| Luminous Efficacy (rated) (Nom)    | 83 lm/W      |
| Color Rendering Index (Nom)        | 57           |
| Operating and electrical           |              |
| Lamp supply voltage                | 220 V [ 220] |
| Power (Nom)                        | 990 W        |
| Lamp Current Run-Up (Max)          | 14.2 A       |
| Lamp Current (EM) (Nom)            | 8.25 A       |
| Ignition Supply Voltage (Max)      | 198 V        |
| Ignition Supply Voltage (Min)      | 198 V        |
| Ignition Time (Max)                | 30 s         |
| Voltage (Max)                      | 140 V        |
| Voltage (Min)                      | 120 V        |
| Voltage (Nom)                      | 130 V        |

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## Controls and dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and housing

|             |               |
|-------------|---------------|
| Bulb Finish | Clear         |
| Bulb Shape  | T65 [ T 65mm] |

## Approval and application

|                               |          |
|-------------------------------|----------|
| Mercury (Hg) Content (Nom)    | 86 mg    |
| Energy Consumption kWh/1000 h | 1089 kWh |

## Luminaire design requirements

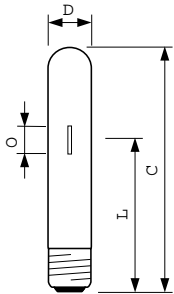
|                            |        |
|----------------------------|--------|
| Bulb Temperature (Max)     | 555 °C |
| Cap-Base Temperature (Max) | 300 °C |

|                                            |        |
|--------------------------------------------|--------|
| Cap-Base Temperature (Max)-DUP(do not use) | 572 °F |
|--------------------------------------------|--------|

## Product data

|                                 |                           |
|---------------------------------|---------------------------|
| Full product code               | 871150018373645           |
| Order product name              | HPI-T 1000W/543 E40 1SL/4 |
| EAN/UPC - Product               | 8711500183736             |
| Order code                      | 928482600096              |
| Numerator - Quantity Per Pack   | 1                         |
| Numerator - Packs per outer box | 4                         |
| Material Nr. (12NC)             | 928482600096              |
| Net Weight (Piece)              | 0.426 kg                  |

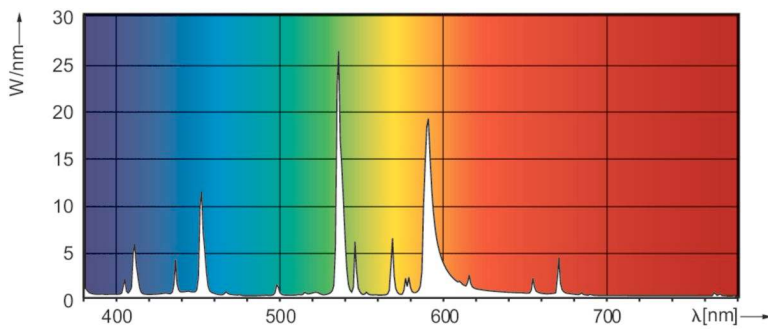
## Dimensional drawing



| Product                   | D (max) | O     | L      | C (max) |
|---------------------------|---------|-------|--------|---------|
| HPI-T 1000W/543 E40 1SL/4 | 66 mm   | 80 mm | 240 mm | 382 mm  |

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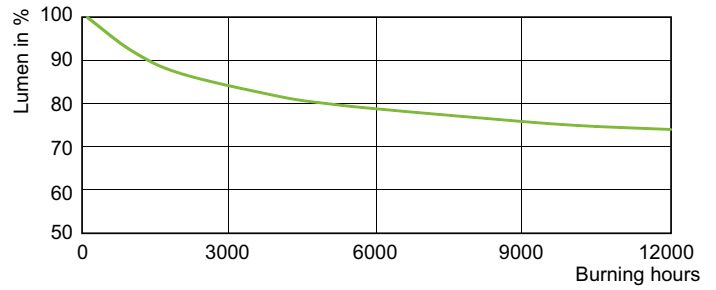
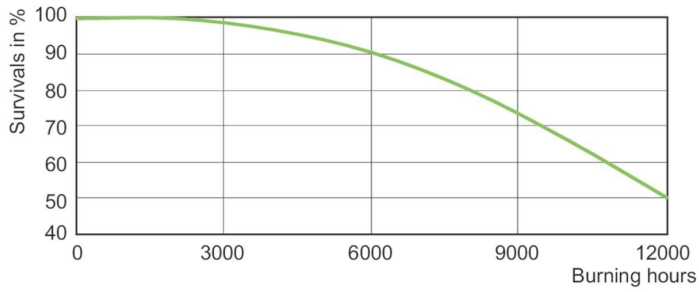
## Photometric data



LDPO\_HPI-THW-Spectral power distribution Colour

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### Lifetime



LDLE\_HPI-THW\_0003-Life expectancy diagram

LDLM\_HPI-THW\_0003-Lumen maintenance diagram

