



# MASTER HPI-T Plus

## HPI-T Plus 250W/645 E40 1SL/12

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 or sodium 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 50% Failures (Nom)         | 20,000 hour(s)                           |
| Light Technical                    |                                          |
| Color Code                         | 645 [CCT of 4500K]                       |
| Color Designation                  | Cool White (CW)                          |
| Chromaticity Coordinate X (Nom)    | 365                                      |
| Chromaticity Coordinate Y (Nom)    | 377                                      |
| Correlated Color Temperature (Nom) | 4500 K                                   |
| Luminous Efficacy (rated) (Nom)    | 79 lm/W                                  |
| Color rendering index (CRI)        | 65                                       |
| Arc Length O (Nom)                 | 29 mm                                    |
| Operating and Electrical           |                                          |
| Power Consumption                  | 247 W                                    |
| Voltage (Nom)                      | 128 V                                    |

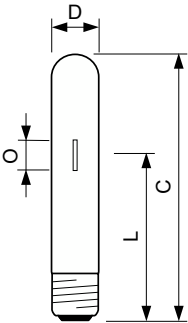
| Voltage (Nom)                 | 128 V                          |
|-------------------------------|--------------------------------|
| Controls and Dimming          |                                |
| Dimmable                      | No                             |
| Mechanical and Housing        |                                |
| Bulb Finish                   | Clear                          |
| Bulb Shape                    | T46 [T 46mm]                   |
| Approval and Application      |                                |
| Mercury (Hg) Content (Nom)    | 36 mg                          |
| Energy Consumption kWh/1000 h | 272 kWh                        |
| Product Data                  |                                |
| Order product name            | HPI-T Plus 250W/645 E40 1SL/12 |
| Full product name             | HPI-T Plus 250W/645 E40 1SL/12 |
| Full product code             | 871829167627000                |
| Order code                    | 928481300097                   |

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|                                 |               |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 928481300097  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8718291676270 |
| Numerator - Packs per outer box | 12            |

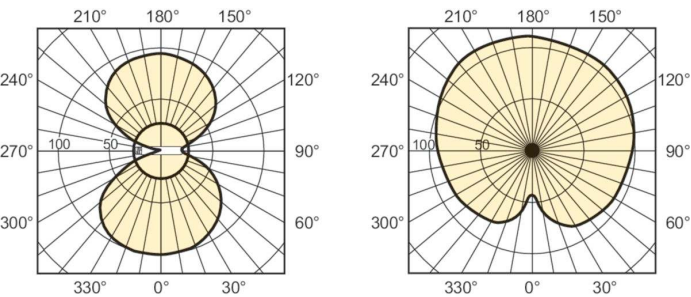
|                |               |
|----------------|---------------|
| EAN/UPC - Case | 8718291676287 |
|----------------|---------------|

Dimensional drawing

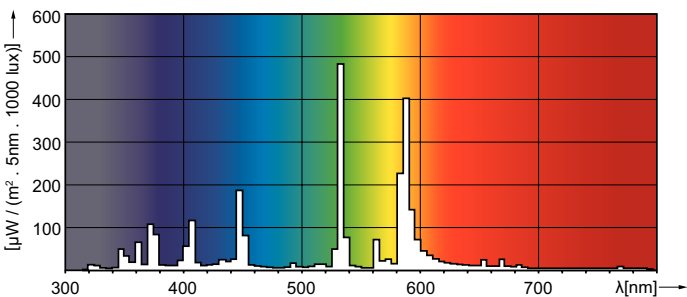


| Product                        | D (max) | O     | L      | C (max) |
|--------------------------------|---------|-------|--------|---------|
| HPI-T Plus 250W/645 E40 1SL/12 | 47 mm   | 29 mm | 155 mm | 255 mm  |

Photometric data

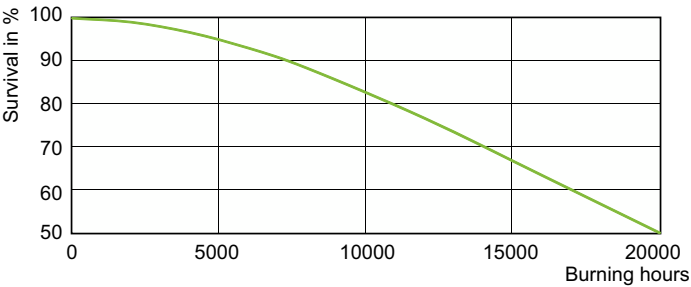


Light Distribution Diagram - HPI-T Plus 250W/645 E40 1SL/12

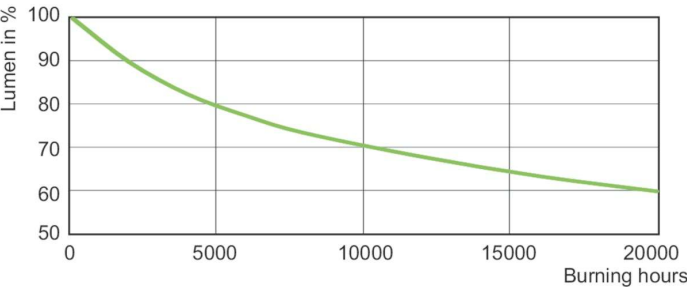


Spectral Power Distribution Colour - HPI-T Plus 250W/645 E40 1SL/12

Lifetime



Life Expectancy Diagram - HPI-T Plus 250W/645 E40 1SL/12



Lumen Maintenance Diagram - HPI-T Plus 250W/645 E40 1SL/12

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