

PHILIPS

Lighting



HPI-T High Wattage

HPI-T 1000W/543 E40 1SL/4

Quartz metal halide lamps with clear outer bulb

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) | 79000 lm |
| Luminous Flux (Rated) (Nom) | 85000 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) | 86 lm/W |
| Color Rendering Index (Nom) | 57 |
| Operating and Electrical | |
| Lamp supply voltage | 220 V [220] |
| Power (Rated) (Nom) | 985.0 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 |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 86 mg |
| Energy Consumption kWh/1000 h | 1084 kWh |
| Luminaire Design Requirements | |
| Bulb Temperature (Max) | 555 °C |
| Cap-Base Temperature (Max) | 300 °C |
| Product Data | |
| Full product code | 871150018373645 |

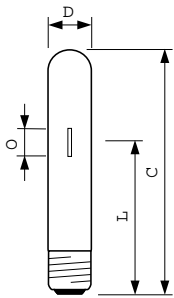
HPI-T High Wattage

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

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.

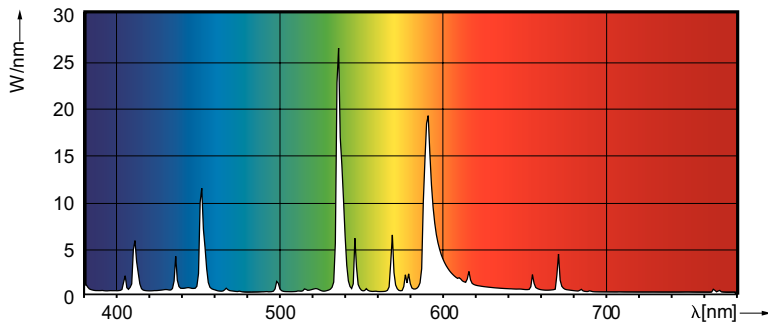
Dimensional drawing



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

HPI-T 1000W/543 E40

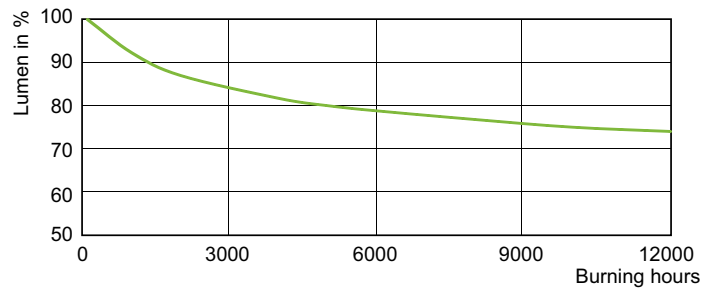
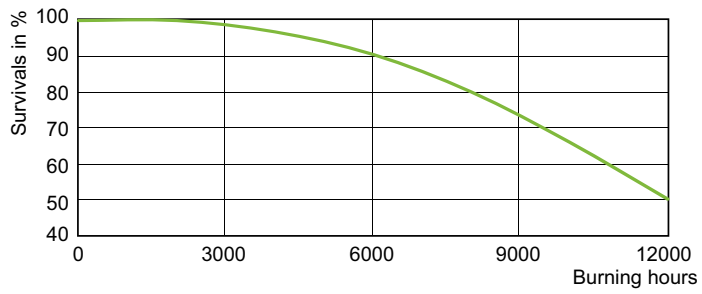
Photometric data



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Lifetime



HPI-T 1000 W Life Expectancy

HPI-T 1000 W Lumen Maintenance

