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

<table>
<thead>
<tr>
<th>General Information</th>
<th>Operating and Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap-Base</td>
<td>Lamp supply voltage</td>
</tr>
<tr>
<td>E40 [ E40]</td>
<td>220 V [ 220]</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Power (Nom)</td>
</tr>
<tr>
<td>P ( Parallel or Horizontal(HOR))</td>
<td>990 W</td>
</tr>
<tr>
<td>Life to 5% Failures (Nom)</td>
<td>Lamp Current Run-Up (Max)</td>
</tr>
<tr>
<td>3000 h</td>
<td>14.2 A</td>
</tr>
<tr>
<td>Life To 10% Failures (Nom)</td>
<td>Lamp Current (EM) (Nom)</td>
</tr>
<tr>
<td>5500 h</td>
<td>8.25 A</td>
</tr>
<tr>
<td>Life to 20% Failures (Nom)</td>
<td>Ignition Supply Voltage (Max)</td>
</tr>
<tr>
<td>8000 h</td>
<td>198 V</td>
</tr>
<tr>
<td>Life to 50% Failures (Nom)</td>
<td>Ignition Supply Voltage (Min)</td>
</tr>
<tr>
<td>12000 h</td>
<td>198 V</td>
</tr>
<tr>
<td>System Description</td>
<td>Ignition Time (Max)</td>
</tr>
<tr>
<td>-</td>
<td>30 s</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Light Technical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Code</td>
</tr>
<tr>
<td>543 [ CCT of 4300K]</td>
</tr>
<tr>
<td>Luminous Flux (Rated) (Min)</td>
</tr>
<tr>
<td>73890 lm</td>
</tr>
<tr>
<td>Luminous Flux (Rated) (Nom)</td>
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<tr>
<td>82100 lm</td>
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<tr>
<td>Color Designation</td>
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<tr>
<td>Cool White (CW)</td>
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<tr>
<td>Lumen Maintenance 10000 h (Nom)</td>
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<tr>
<td>75 %</td>
</tr>
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<td>Lumen Maintenance 2000 h (Nom)</td>
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<td>87 %</td>
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<tr>
<td>Lumen Maintenance 5000 h (Nom)</td>
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<tr>
<td>80 %</td>
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</tbody>
</table>

Datasheet, 2020, September 17

Data subject to change
## HPI-T High Wattage

### 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 | 1089 kWh |

### Luminaire Design Requirements

| Bulb Temperature (Max) | 555 °C |

### Cap-Base Temperature (Max)

| 300 °C |

### Product Data

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

### Dimensional drawing

![Dimensional drawing](image)

<table>
<thead>
<tr>
<th>Product</th>
<th>D (max)</th>
<th>O</th>
<th>L</th>
<th>C (max)</th>
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</thead>
<tbody>
<tr>
<td>HPI-T 1000W/543 E40 1SL/4</td>
<td>66 mm</td>
<td>80 mm</td>
<td>240 mm</td>
<td>382 mm</td>
</tr>
</tbody>
</table>

### Photometric data

![Photometric data](image)

**LDPO_HPI-THW-Spectral power distribution Colour**
HPI-T High Wattage

**Lifetime**

[Lifetime graph showing survival rate over burning hours]

**LDLE_HPI-THW_0003-Life expectancy diagram**

**LDLM_HPI-THW_0003-Lumen maintenance diagram**