



MASTER HPI-T Plus

MASTER HPI-T Plus 400W/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)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- For use with control gear designed for high-pressure mercury or sodium lamps
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- 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.
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Product data

| General Information | |
|------------------------------------|--|
| Cap-Base | 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) | 361 |
| Chromaticity Coordinate Y (Nom) | 372 |
| Correlated Color Temperature (Nom) | 4500 K |
| Luminous Efficacy (rated) (Nom) | 83 lm/W |

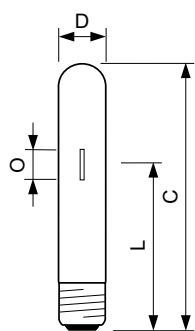
| Color rendering index (CRI) | 65 |
|-----------------------------|---------|
| Arc Length O (Nom) | 30.5 mm |
| Operating and Electrical | |
| Power Consumption | 385 W |
| Voltage (Nom) | 125 V |
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| Controls and Dimming | |
| Dimmable | No |

MASTER HPI-T Plus

| Mechanical and Housing | |
|-------------------------------|---------------------------------------|
| Bulb Finish | Clear |
| Bulb Shape | T46 |
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 29.5 mg |
| Energy Consumption kWh/1000 h | 424 kWh |
| Product Data | |
| Order product name | MASTER HPI-T Plus 400W/645 E40 1SL/12 |

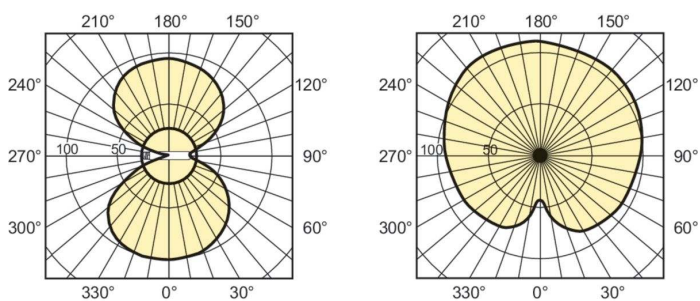
| | |
|---------------------------------|---------------------------------------|
| Full product name | MASTER HPI-T Plus 400W/645 E40 1SL/12 |
| Full product code | 871150017990615 |
| Order code | 928481600096 |
| Material Nr. (12NC) | 928481600096 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500179906 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500182999 |

Dimensional drawing

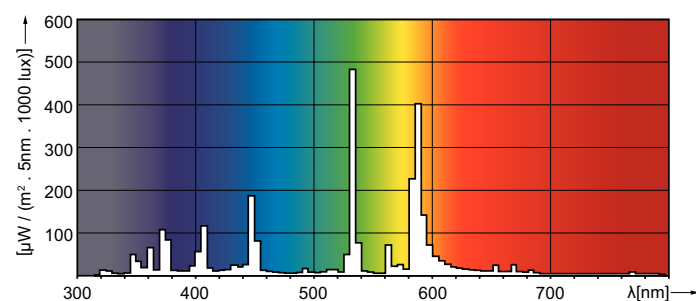


| Product | D (max) | O | L | C (max) |
|---------------------------------------|---------|---------|--------|---------|
| MASTER HPI-T Plus 400W/645 E40 1SL/12 | 47 mm | 30.5 mm | 168 mm | 286 mm |

Photometric data



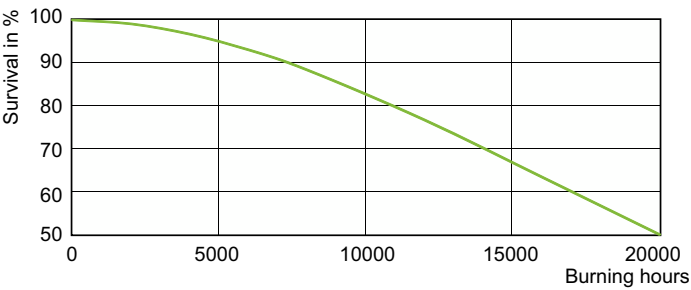
Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12



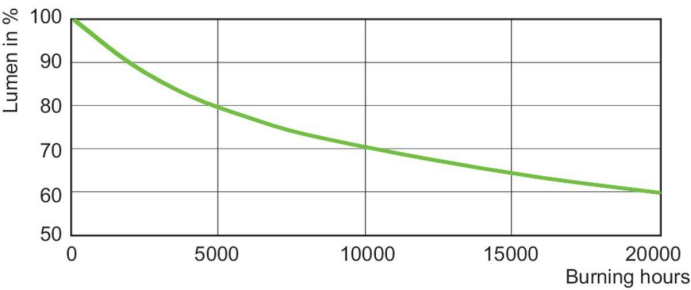
Spectral Power Distribution Colour - MASTER HPI-T Plus 400W/645 E40
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Lifetime



Life Expectancy Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12



Lumen Maintenance Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12

