



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)
- 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 |
| 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 |

| 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 |

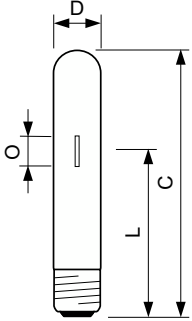
| Product Data | |
|--------------------|---------------------------------------|
| Order product name | MASTER HPI-T Plus 400W/645 E40 1SL/12 |
| Full product name | MASTER HPI-T Plus 400W/645 E40 1SL/12 |
| Full product code | 871150017990615 |
| Order code | 17990615 |

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| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 928481600096 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500179906 |
| Numerator - Packs per outer box | 12 |

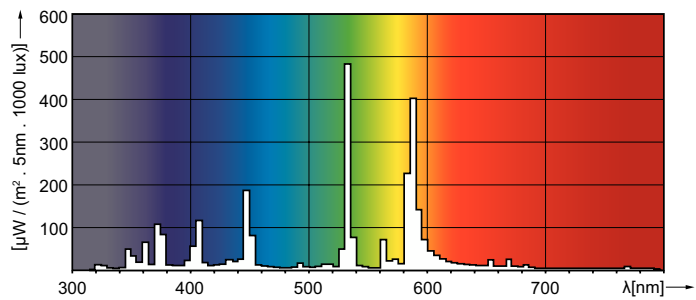
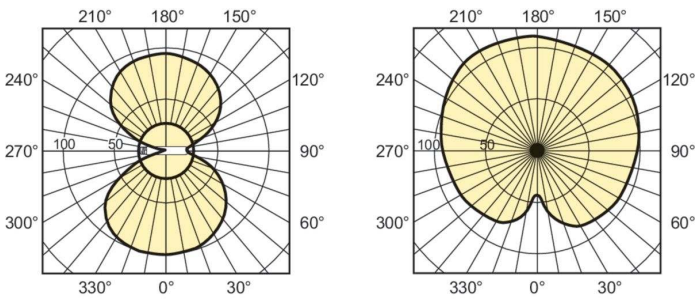
| | |
|----------------|---------------|
| EAN/UPC - Case | 8711500182999 |
|----------------|---------------|

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 |

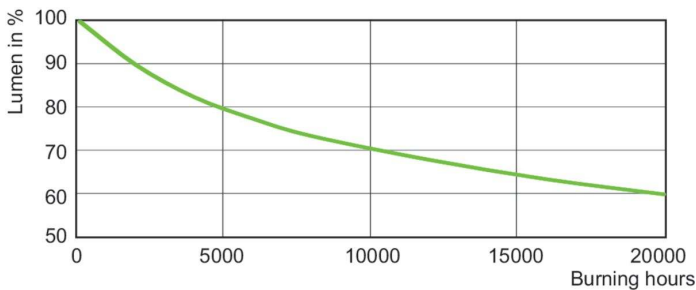
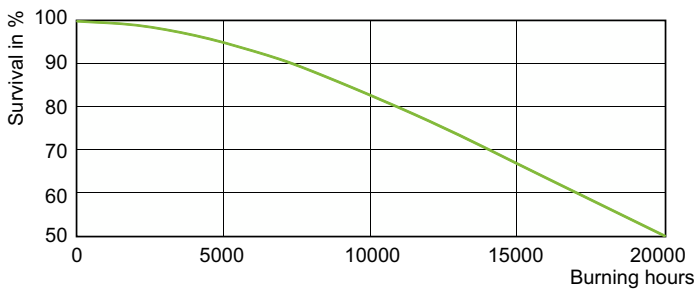
Photometric data



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

Spectral Power Distribution Colour - MASTER HPI-T Plus 400W/645 E40 1SL/12

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

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