



# 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.
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

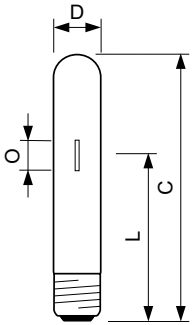
General Information		Operating and Electrical	
Cap-Base	E40 [E40]	Power Consumption	385 W
Operating Position	P20 [Parallel +/-20D or Horizontal(HOR)]	Voltage (Nom)	125 V
Life to 50% Failures (Nom)	20,000 hour(s)	Voltage (Nom)	125 V
Light Technical		Controls and Dimming	
Color Code	645 [CCT of 4500K]	Dimmable	No
Color Designation	Cool White (CW)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	361	Bulb Finish	Clear
Chromaticity Coordinate Y (Nom)	372	Bulb Shape	T46 [T 46mm]
Correlated Color Temperature (Nom)	4500 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	83 lm/W	Mercury (Hg) Content (Nom)	29.5 mg
Color rendering index (CRI)	65		
Arc Length O (Nom)	30.5 mm		

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Energy Consumption kWh/1000 h	424 kWh
<b>Product Data</b>	
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	256495

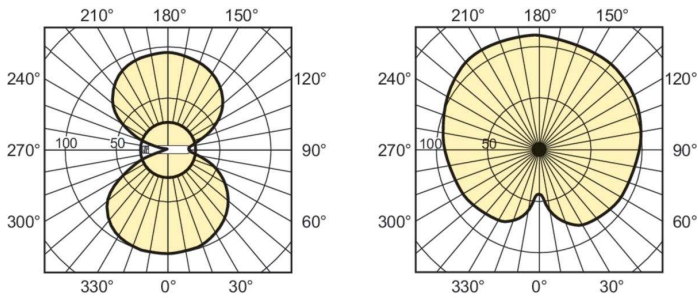
Material Nr. (12NC)	928481600096
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500179906
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500182999

## Dimensional drawing

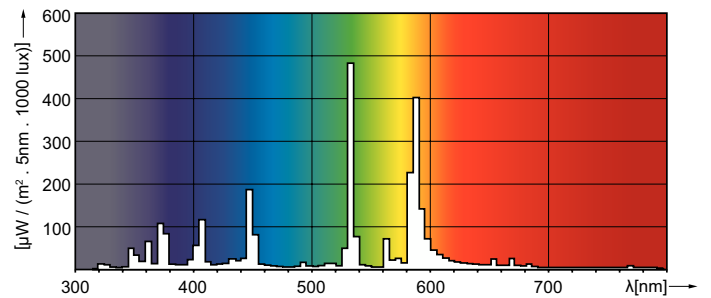


Product	D (max)	O	L	C (max)
MASTER HPI-T Plus 400W/645 E40 1SL/12	1-7/8 inch	1-1/4 inch	6-5/8 inch	11-1/4 inch

## Photometric data



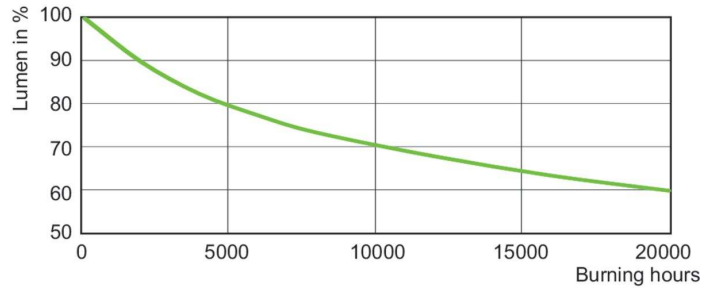
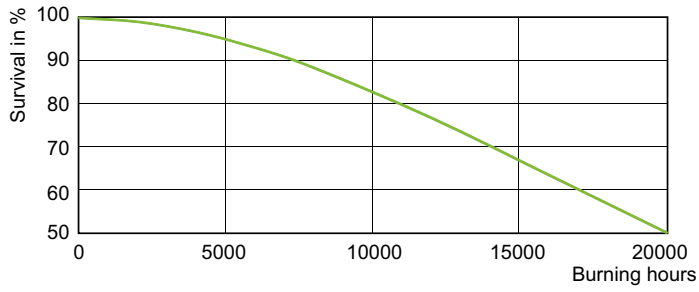
Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12



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

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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

