



# 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

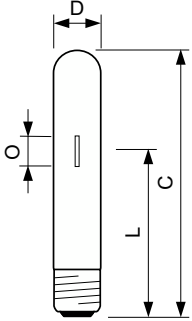
General Information		Voltage (Nom)	
Cap-Base	E40 [E40]	125 V	
Operating Position	P20 [Parallel +/-20D or Horizontal(HOR)]	Controls and Dimming	
Life to 50% Failures (Nom)	20,000 hour(s)	Dimmable	No
Light Technical		Mechanical and Housing	
Color Code	645 [CCT of 4500K]	Bulb Finish	Clear
Color Designation	Cool White (CW)	Bulb Shape	T46 [T 46mm]
Chromaticity Coordinate X (Nom)	361	Approval and Application	
Chromaticity Coordinate Y (Nom)	372	Mercury (Hg) Content (Nom)	29.5 mg
Correlated Color Temperature (Nom)	4500 K	Energy Consumption kWh/1000 h	424 kWh
Luminous Efficacy (rated) (Nom)	83 lm/W	Product Data	
Color rendering index (CRI)	65	Full product code	871150017990615
Operating and Electrical		Order product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
Power Consumption	385 W	Order code	17990615
Voltage (Nom)	125 V	Numerator - Quantity Per Pack	1

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Numerator - Packs per outer box	12
Material Nr. (12NC)	928481600096
Full product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
EAN/UPC - Case	8711500182999

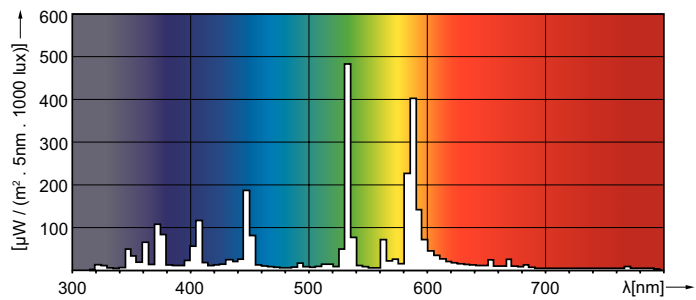
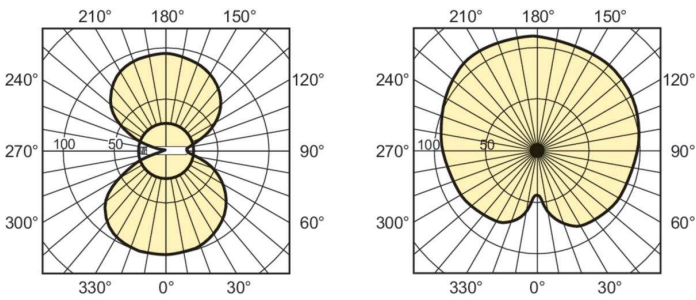
EAN/UPC - Product/Case	8711500179906
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## Dimensional drawing



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

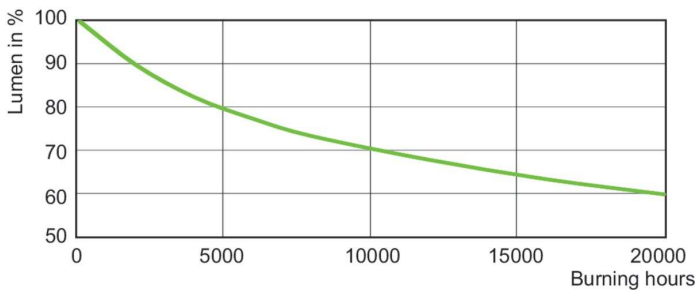
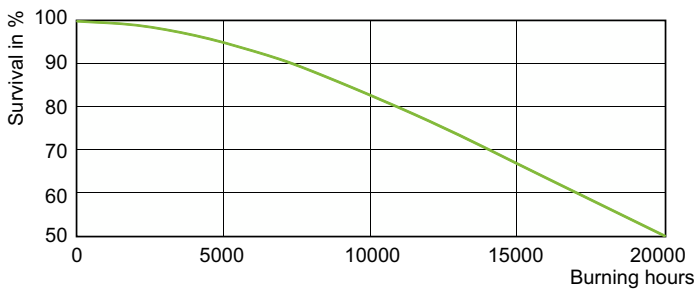
## Photometric data



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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