



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)]
Nominal lifetime	15,000 hour(s)
Life to 50% Failures (Nom)	15,000 hour(s)
Light Technical	
Color Code	645 [CCT of 4500K]
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	373
Chromaticity Coordinate Y (Nom)	368
Correlated Color Temperature (Nom)	4200 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

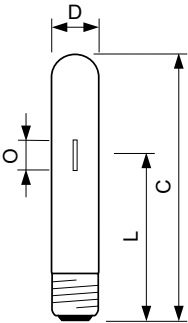
Voltage (Nom)	125 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46
Net Weight (Piece)	0.153 kg
Approval and Application	
Mercury (Hg) Content (Nom)	29.5 mg
Energy Consumption kWh/1000 h	424 kWh
Product Data	
Order product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
Full product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
Full product code	871150017990615

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Order code	928481600096
Material Nr. (12NC)	928481600096
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500179906

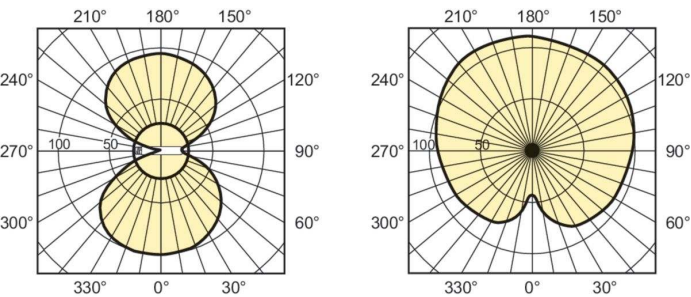
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500182999

Dimensional drawing

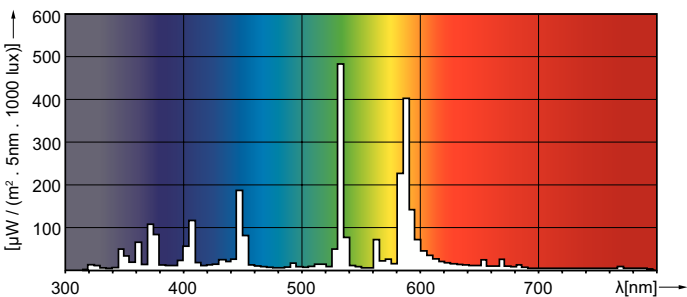


Product	D (max)	O	L	C (max)
MASTER HPI-T Plus 400W/645 E40 1SL/12	47 mm	30.5 mm	168 mm	286 mm

Photometric data

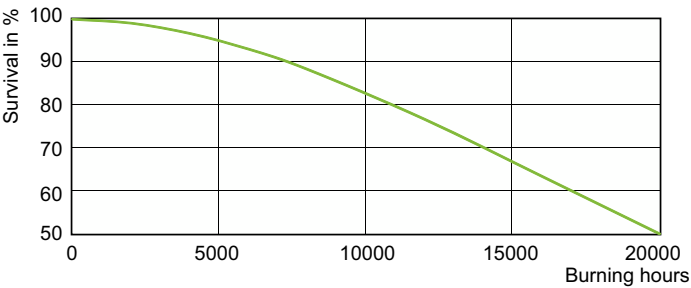


Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12

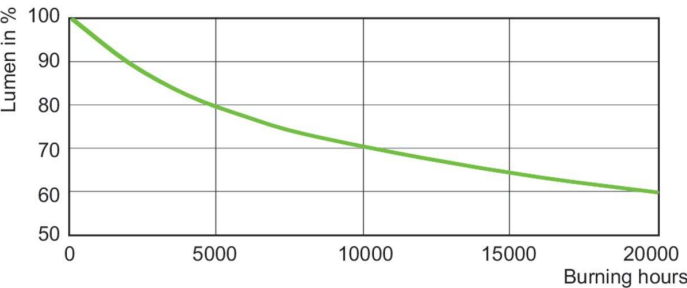


Spectral Power Distribution Colour - MASTER HPI-T Plus 400W/645 E40 1SL/12

Lifetime



LDLE_HPI-T_0001-Life expectancy diagram



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

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