MASTER HPI-T Plus

MASTER HPI-T Plus 250W/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)]
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)	338
Chromaticity Coordinate Y (Nom)	371
Correlated Color Temperature (Nom)	4500 K
Luminous Efficacy (rated) (Nom)	73 lm/W
Color rendering index (CRI)	58
Arc Length O (Nom)	29 mm

Operating and Electrical	
Power Consumption	247 W
Voltage (Nom)	128 V

Controls and Dimming	
Dimmable	No

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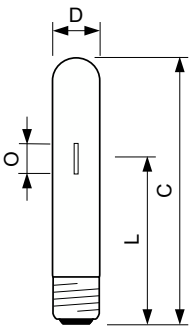
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46
Net Weight (Piece)	0.142 kg

Approval and Application	
Mercury (Hg) Content (Nom)	36 mg
Energy Consumption kWh/1000 h	272 kWh

Product Data	
Order product name	MASTER HPI-T Plus 250W/645 E40 1SL/12

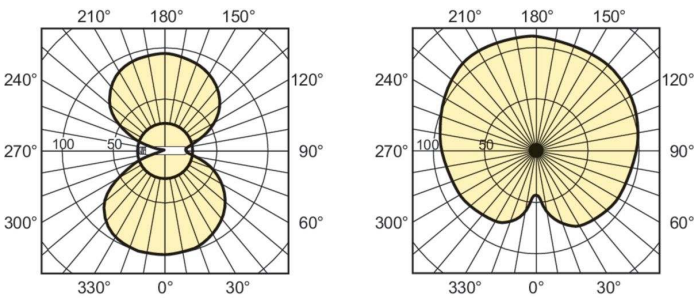
Full product name	MASTER HPI-T Plus 250W/645 E40 1SL/12
Full product code	871150017989015
Order code	928481300098
Material Nr. (12NC)	928481300098
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500179890
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500182975

Dimensional drawing

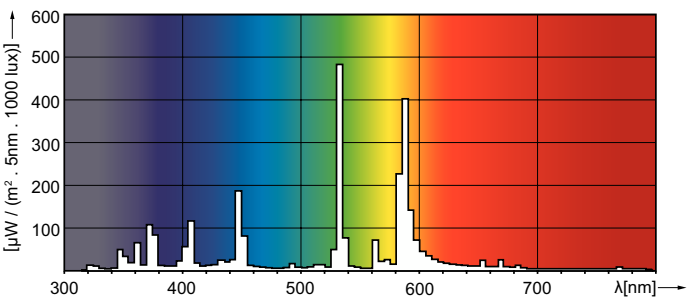


Product	D (max)	O	L	C (max)
MASTER HPI-T Plus 250W/645 E40 1SL/12	47 mm	29 mm	155 mm	255 mm

Photometric data



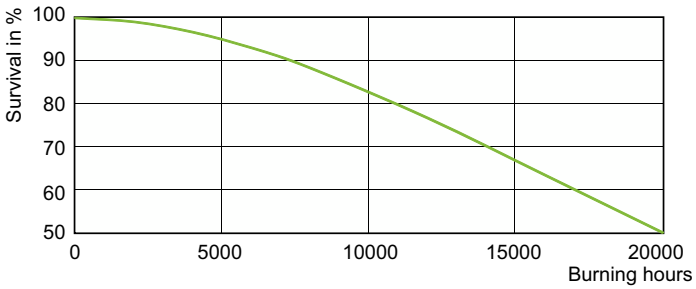
Light Distribution Diagram - MASTER HPI-T Plus 250W/645 E40 1SL/12



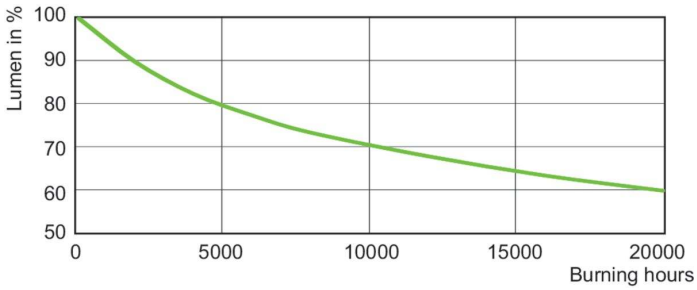
Spectral Power Distribution Colour - MASTER HPI-T Plus 250W/645 E40 1SL/12

MASTER HPI-T Plus

Lifetime



LDLE_HPI-T_0001-Life expectancy diagram



Lumen Maintenance Diagram - MASTER HPI-T Plus 250W/645 E40 1SL/12

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