



# 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)
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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		Color rendering index (CRI)	
Cap-Base	E40		65
Operating Position	P20 [Parallel +/-20D or Horizontal(HOR)]	Arc Length O (Nom)	30.5 mm
Life to 50% Failures (Nom)	20,000 hour(s)	<b>Operating and Electrical</b>	
<b>Light Technical</b>		Power Consumption	385 W
Color Code	645 [CCT of 4500K]	Voltage (Nom)	125 V
Color Designation	Cool White (CW)	Voltage (Nom)	125 V
Chromaticity Coordinate X (Nom)	361	<b>Controls and Dimming</b>	
Chromaticity Coordinate Y (Nom)	372	Dimmable	No
Correlated Color Temperature (Nom)	4500 K		
Luminous Efficacy (rated) (Nom)	83 lm/W		

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## Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T46

## Approval and Application

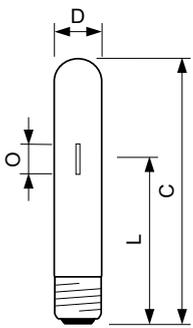
Mercury (Hg) Content (Nom)	29.5 mg
Energy Consumption kWh/1000 h	424 kWh

## Product Data

Order product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
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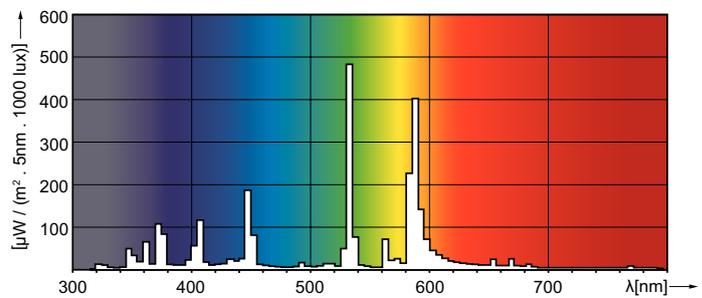
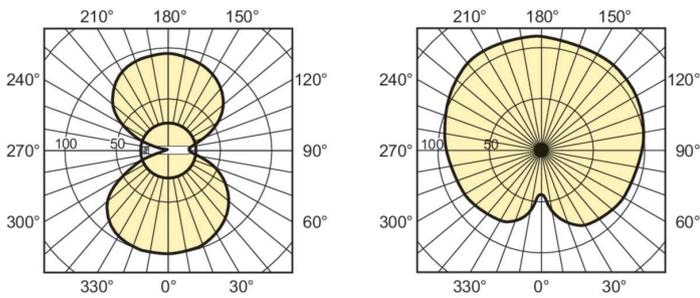
Full product name	MASTER HPI-T Plus 400W/645 E40 1SL/12
Full product code	871150017990615
Order code	928481600096
Material Nr. (12NC)	928481600096
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500179906
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500182999

## 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

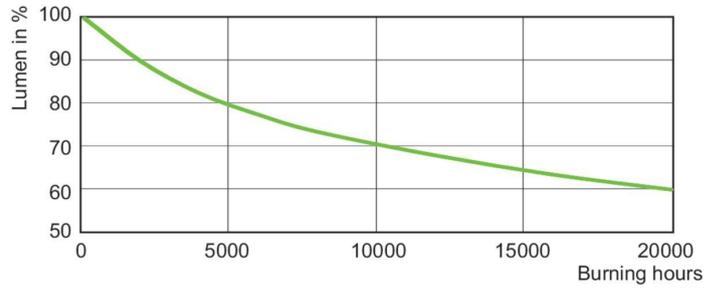
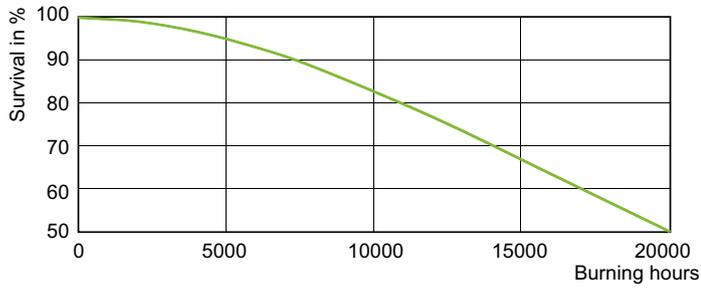


Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12

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

# MASTER HPI-T Plus

## 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

