



# **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)]				
Life to 50% Failures (Nom)	20,000 hour(s)				
Light Technical					
Color Code	645 [CCT of 4500K]				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	361				
Chromaticity Coordinate Y (Nom)	372				
Correlated Color Temperature (Nom)	4500 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				

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Controls and Dimming					
Dimmable	No				
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				
Full product name	MASTER HPI-T Plus 400W/645 E40 1SL/12				
Full product code	871150017990615				
Order code	928481600096				

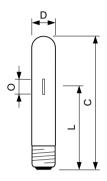
Datasheet, 2024, February 22 data subject to change

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

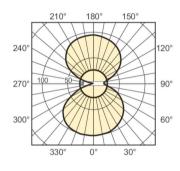
EAN/UPC - Case	8711500182999

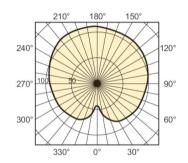
## Dimensional drawing

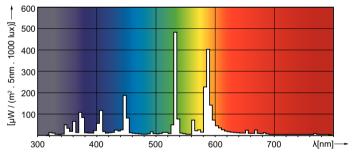


Product	D (max)	0	L	C (max)
MASTER HPI-T Plus 400W/645 E40 1SL/12	47 mm	30.5 mm	168 mm	286 mm

### Photometric data



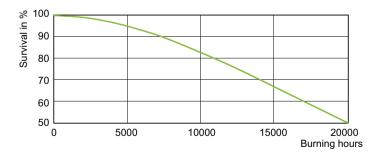


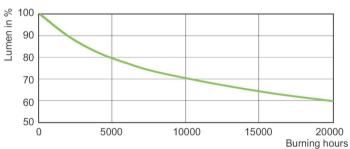


Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12

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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