



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)
- 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)	365				
Chromaticity Coordinate Y (Nom)	377				
Correlated Color Temperature (Nom)	4500 K				
Luminous Efficacy (rated) (Nom)	79 lm/W				
Color rendering index (CRI)	65				
Arc Length O (Nom)	29 mm				
Operating and Electrical					
Power Consumption	247 W				
Voltage (Nom)	128 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)	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	17989015			

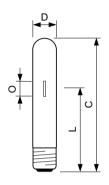
Datasheet, 2023, April 16 data subject to change

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Material Nr. (12NC)	928481300098
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500179890
Numerator - Packs per outer box	12

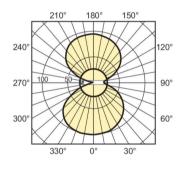
EAN/UPC - Case	8711500182975

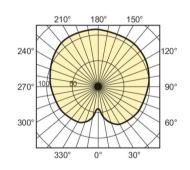
Dimensional drawing

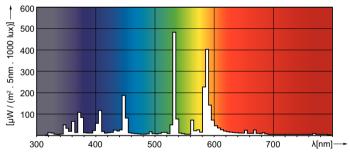


Product	D (max)	0	L	C (max)
MASTER HPI-T Plus 250W/645 E40 1SL/12	47 mm	29 mm	155 mm	255 mm

Photometric data



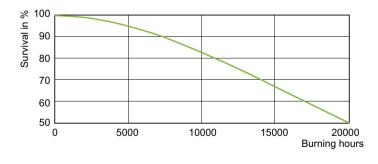


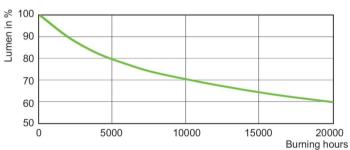


Light Distribution Diagram - MASTER HPI-T Plus 250W/645 E40 1SL/12

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

Lifetime





Life Expectancy Diagram - MASTER HPI-T Plus 250W/645 E40 1SL/12

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

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