



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)
- · 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
- 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
- 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.
- 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 [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
Voltage (Nom)	125 V
Controls and Dimming	
Dimmable	No

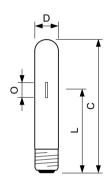
Datasheet, 2023, April 16 data subject to change

MASTER HPI-T Plus

Mechanical and Housing				
Bulb Finish	Clear			
Bulb Shape	T46 [T 46mm]			
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			

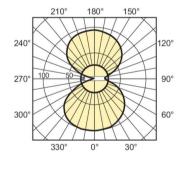
Full product name	MASTER HPI-T Plus 400W/645 E40 1SL/12				
Full product code	871150017990615				
Order code	928481600096				
Material Nr. (12NC)	928481600096				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8711500179906				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8711500182999				

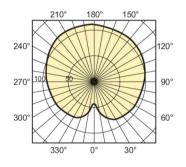
Dimensional drawing

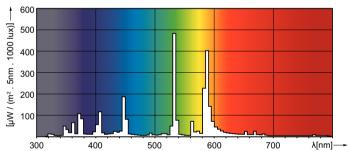


Product	D (max)	0	L	C (max)
MASTER HPI-T Plus 400W/645 E40 1SL/12	47 mm	30.5 mm	168 mm	286 mm

Photometric data





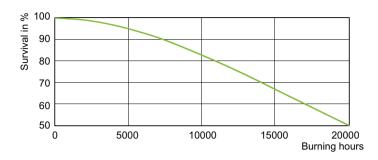


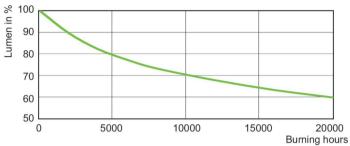
Light Distribution Diagram - MASTER HPI-T Plus 400W/645 E40 1SL/12

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

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.