



MASTER HPI Plus

HPI PLUS 400W/645 BUS E40 1SL/6

Quartz metal halide lamps with opalized 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	H [Hanging or Base Up (BU)]	
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)	367	
Chromaticity Coordinate Y (Nom)	374	
Correlated Color Temperature (Nom)	4500 K	
Luminous Efficacy (rated) (Nom)	79 lm/W	

Color rendering index (CRI)	65
Operating and Electrical	
Power Consumption	405 W
Voltage (Nom)	125 V
Voltage (Nom)	125 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Coated glass

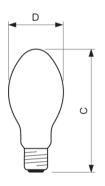
Datasheet, 2023, May 1 data subject to change

MASTER HPI Plus

Bulb Shape	BD120 [BD 120mm]	
Approval and Application		
Mercury (Hg) Content (Nom)	67 mg	
Energy Consumption kWh/1000 h	434 kWh	
Product Data		
Order product name	HPI PLUS 400W/645 BUS E40 1SL/6	
Full product name	HPI PLUS 400W/645 BUS E40 1SL/6	

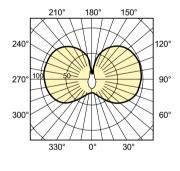
Full product code	871150020339710
Order code	928481200092
Material Nr. (12NC)	928481200092
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500203397
Numerator - Packs per outer box	6
EAN/UPC - Case	8711500203403

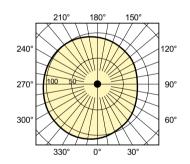
Dimensional drawing

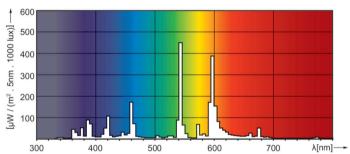


Product	D (max)	C (max)
HPI PLUS 400W/645 BUS E40 1SL/6	122 mm	290 mm

Photometric data





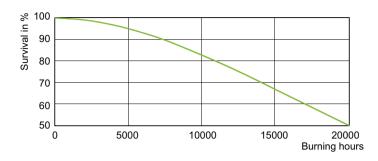


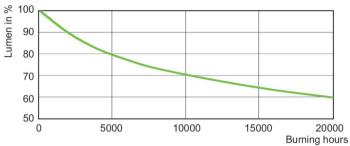
Light Distribution Diagram - HPI PLUS 400W/645 BUS E40 1SL/6

Spectral Power Distribution Colour - HPI PLUS 400W/645 BUS E40 1SL/6

MASTER HPI Plus

Lifetime





Life Expectancy Diagram - HPI PLUS 400W/645 BUS E40 1SL/6

Lumen Maintenance Diagram - HPI PLUS 400W/645 BUS E40 1SL/6



© 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.