



MASTER HPI Plus

MASTER HPI Plus 400W/645 BU 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)
- 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	H15 [Hanging +/-15D 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)	80 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	
Bulb Shape	BD120	
Approval and Application		
Mercury (Hg) Content (Nom)	67 mg	
Energy Consumption kWh/1000 h	446 kWh	
Product Data		
Order product name	MASTER HPI Plus 400W/645 BU E40 1SL/6	
Full product name	MASTER HPI Plus 400W/645 BU E40 1SL/6	
Full product code	871150018252410	
Order code	18252410	

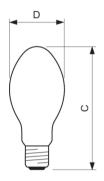
Datasheet, 2023, April 15 data subject to change

MASTER HPI Plus

Material Nr. (12NC)	928074309891
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500182524
Numerator - Packs per outer box	6

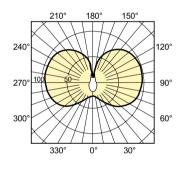
EAN/	UPC - Case	8711500182531

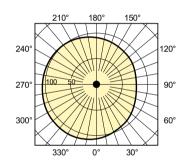
Dimensional drawing

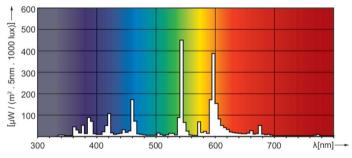


Product	D (max)	C (max)
MASTER HPI Plus 400W/645 BU E40 1SL/6	122 mm	290 mm

Photometric data



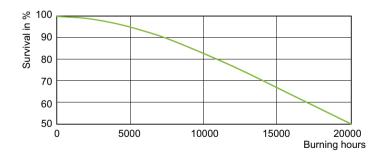


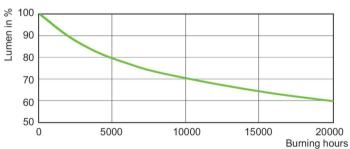


Light Distribution Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6

Spectral Power Distribution Colour - MASTER HPI Plus 400W/645 BU E40 1SL/6

Lifetime





Life Expectancy Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6

Lumen Maintenance Diagram - MASTER HPI Plus 400W/645 BU E40 1SL/6

MASTER HPI Plus



© 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.