



MASTER HPI Plus

MASTER HPI Plus 250W/645 BU E40 1SL/12

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 [E40]	
Operating position	H15 [Hanging +/-15D or Base Up (BU)]	
Life to 50% failures (nom.)	20,000 h	
Light Technical		
Colour Code	645 [CCT of 4500K]	
Colour designation	Cool White (CW)	
Chromaticity Coordinate X (Nom)	365	
Chromaticity Coordinate Y (Nom)	363	
Correlated Colour Temperature	4500 K	
Luminous efficacy (rated) (nom.)	66 lm/W	
Colour rendering index (CRI)	65	
Operating and Electrical		
Power Consumption	256 W	
Voltage (nom.)	128 V	

Voltage (nom.)	128 V	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Lamp Finish	Coated glass	
Bulb shape	BD90 [BD 90 mm]	
Approval and Application		
Mercury (Hg) content (nom.)	47 mg	
Energy consumption kWh/1,000 hours	282 kWh	
Product Data		
Order product name	MASTER HPI Plus 250W/645 BU E40 1SL/12	
Full product name	MASTER HPI Plus 250W/645 BU E40 1SL/12	
Full EOC	871150018114515	
Order code	18114515	

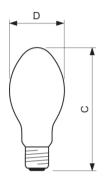
Datasheet, 2023, April 16 data subject to change

MASTER HPI Plus

Material no. (12 NC)	928076709891
Local order code	250HPIPLUSBU
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500181145

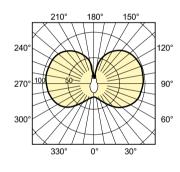
Numerator – packs per outer box	12
EAN/UPC - Case	8711500181152

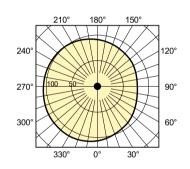
Dimensional drawing

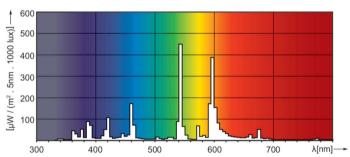


Product	D (max)	C (max)
MASTER HPI Plus 250W/645 BU E40 1SL/12	91 mm	226 mm

Photometric data



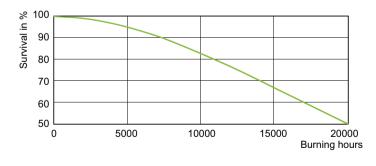


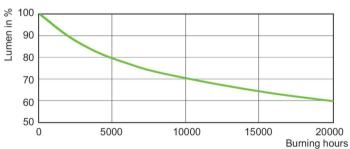


Light Distribution Diagram - MASTER HPI Plus 250W/645 BU E40 1SL/12

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

Lifetime





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

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

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.