



# **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	
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]	
Luminous Efficacy (rated) (Nom)	66 lm/W	
Color Designation	Cool White (CW)	
Chromaticity Coordinate X (Nom)	365	
Chromaticity Coordinate Y (Nom)	363	
Correlated Color Temperature (Nom)	4500 K	
Color rendering index (CRI)	65	
Operating and Electrical		
Power Consumption	256 W	
Voltage (Nom)	128 V	

Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Coated glass		
Bulb Shape	BD90		
Approval and Application			
Mercury (Hg) Content (Nom)	47 mg		
Energy Consumption kWh/1000 h	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 product code	871150018114515		
Order code	928076709891		
Material Nr. (12NC)	928076709891		
Numerator - Quantity Per Pack	1		

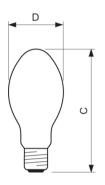
Datasheet, 2024, July 3 data subject to change

## **MASTER HPI Plus**

Net Weight (Piece)	0.168 kg
EAN/UPC - Product/Case	8711500181145
Numerator - Packs per outer box	12

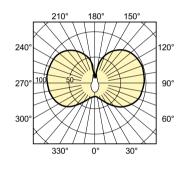
EAN/UPC - Case	8711500181152

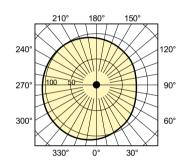
## Dimensional drawing

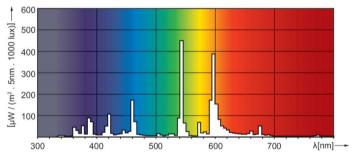


Product	D (max)	C (max)
MASTER HPI Plus 250W/645 BU E40 1SL/12	91 mm	226 mm

#### Photometric data



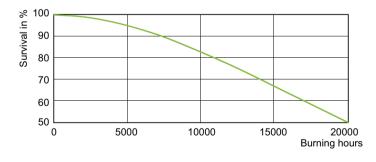


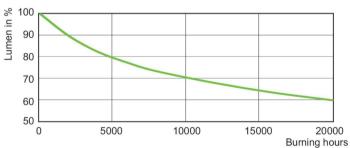


Light Distribution Diagram - MASTER HPI Plus 250W/645 BU E40 1SL/12

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

### Lifetime





LDLE\_HPI\_250W\_400W-Life expectancy diagram

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

## **MASTER HPI Plus**



© 2024 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.