



MASTER HPI Plus

MASTER HPI Plus 250W/645 BU-P 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

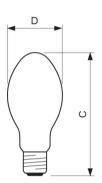
General Information		Voltage (nom.)	128 V
Cap base	E40 [E40]		
Operating position	H15 [Hanging +/-15D or Base Up (BU)]	Controls and Dimming	
Life to 50% failures (nom.)	20,000 h	Dimmable	No
Light Technical		Mechanical and Housing	
Colour Code	645 [CCT of 4500K]	Lamp Finish	Coated glass
Colour designation	Cool White (CW)	Bulb shape	ED28
Chromaticity Coordinate X (Nom)	365		
Chromaticity Coordinate Y (Nom)	363	Approval and Application	
Correlated Colour Temperature	4500 K	Mercury (Hg) content (nom.)	46.5 mg
Luminous efficacy (rated) (nom.)	72 lm/W	Energy consumption kWh/1,000 hours	278 kWh
Colour rendering index (CRI)	65		
		Product Data	
Operating and Electrical		Order product name	MASTER HPI Plus 250W/645 BU-P E40 1SL/12
Power Consumption	253.0 W	Full product name	MASTER HPI Plus 250W/645 BU-P E40 1SL/12
Voltage (nom.)	128 V	Full EOC	871150021147715
		Order code	21147715

MASTER HPI Plus

Material no. (12 NC)	928410800027
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8711500211477
Numerator – packs per outer box	12

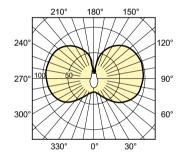
EAN/UPC - Case	8711500211484

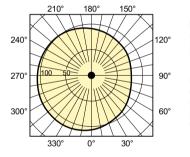
Dimensional drawing



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

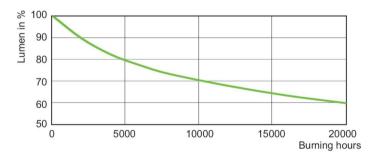
Photometric data





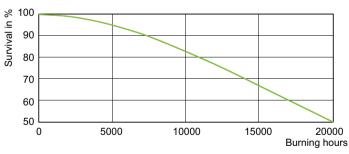
Light Distribution Diagram - MASTER HPI Plus 250W/645 BU-P E40 1SL/12

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



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

Lifetime



Life Expectancy Diagram - MASTER HPI Plus 250W/645 BU-P 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.

www.lighting.philips.com 2023, April 29 - data subject to change