



# 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	
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.)	72 lm/W
Colour rendering index (CRI)	65
Operating and Electrical	
Power Consumption	253.0 W
Voltage (nom.)	128 V

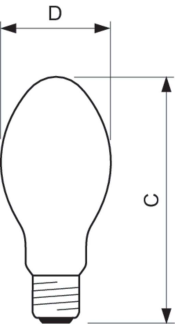
Voltage (nom.)	128 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Coated glass
Bulb shape	ED28
Approval and Application	
Mercury (Hg) content (nom.)	46.5 mg
Energy consumption kWh/1,000 hours	278 kWh
Product Data	
Order product name	MASTER HPI Plus 250W/645 BU-P E40 1SL/12
Full product name	MASTER HPI Plus 250W/645 BU-P E40 1SL/12
Full EOC	871150021147715
Order code	21147715

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

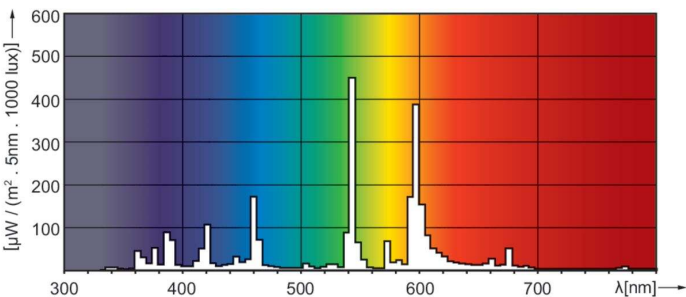
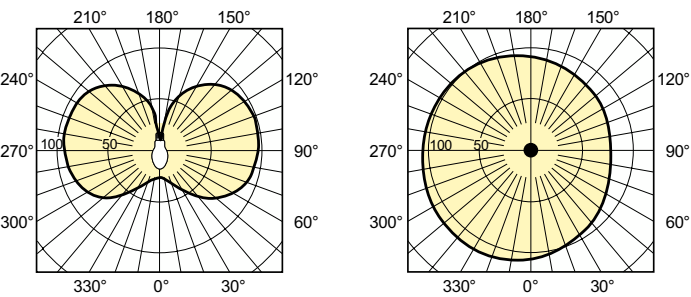
EAN/UPC - Case	8711500211484
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Dimensional drawing



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

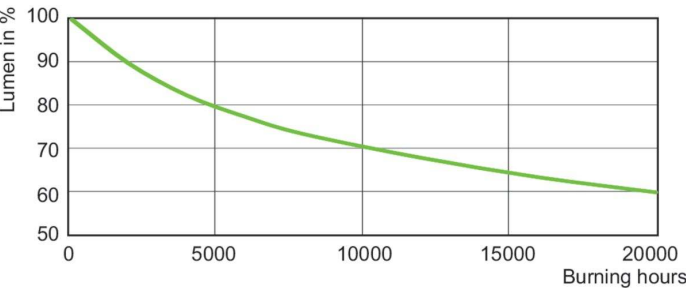
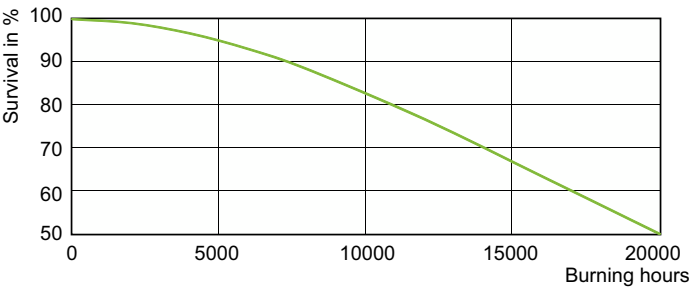
Photometric data



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

Lifetime



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

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

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