



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

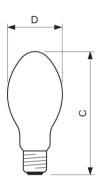
| General Information | | Voltage (Nom) | 128 V |
|------------------------------------|-----------------------------|-------------------------------|--|
| Cap-Base | E40 [E40] | | |
| Operating Position | H [Hanging or Base Up (BU)] | Controls and Dimming | |
| Life to 50% Failures (Nom) | 20,000 hour(s) | Dimmable | No |
| Light Technical | | Mechanical and Housing | |
| Color Code | 645 [CCT of 4500K] | Bulb Finish | Coated glass |
| Color Designation | Cool White (CW) | Bulb Shape | BD90 [BD 90mm] |
| Chromaticity Coordinate X (Nom) | 359 | | |
| Chromaticity Coordinate Y (Nom) | 354 | Approval and Application | |
| Correlated Color Temperature (Nom) | 4500 K | Mercury (Hg) Content (Nom) | 47 mg |
| Luminous Efficacy (rated) (Nom) | 66 lm/W | Energy Consumption kWh/1000 h | 278 kWh |
| Color rendering index (CRI) | 65 | | |
| | | Product Data | |
| Operating and Electrical | | Order product name | MASTER HPI Plus 250W/645 BU E40 1SL/12 |
| Power Consumption | 256 W | Full product name | MASTER HPI Plus 250W/645 BU E40 1SL/12 |
| Voltage (Nom) | 128 V | Full product code | 871150020343415 |
| | | Order code | 928481400092 |

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| Material Nr. (12NC) | 928481400092 |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500203434 |
| Numerator - Packs per outer box | 12 |
| | |

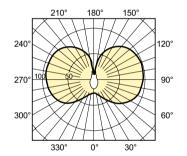
| EAN/UPC - Case | 8711500203441 |
|----------------|---------------|
| | |

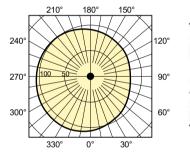
Dimensional drawing



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

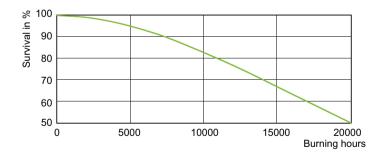
Photometric data





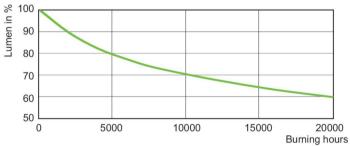
Light Distribution Diagram - MASTER HPI Plus 250W/645 BU E40 1SL/12

Lifetime



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

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



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

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