



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] | |
| Color Designation | Cool White (CW) | |
| Chromaticity Coordinate X (Nom) | 365 | |
| Chromaticity Coordinate Y (Nom) | 363 | |
| Correlated Color Temperature (Nom) | 4500 K | |
| Luminous Efficacy (rated) (Nom) | 66 lm/W | |
| Color 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 | | |
| 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 | |

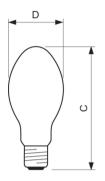
Datasheet, 2023, April 16 data subject to change

MASTER HPI Plus

| Material Nr. (12NC) | 928076709891 |
|-------------------------------|---------------|
| Local order code | HPI250WBU |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500181145 |

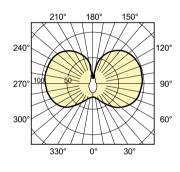
| Numerator - Packs per outer box | 12 |
|---------------------------------|---------------|
| EAN/UPC - Case | 8711500181152 |

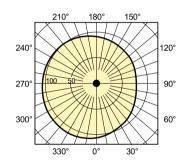
Dimensional drawing

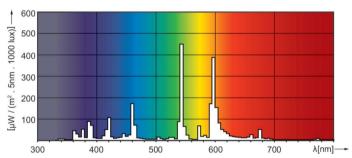


| Product | D (max) | C (max) |
|----------------------------------------|---------|---------|
| MASTER HPI Plus 250W/645 BU E40 1SL/12 | 91 mm | 226 mm |

Photometric data



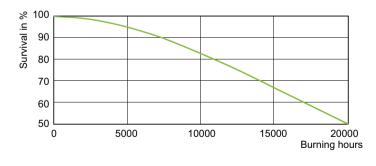


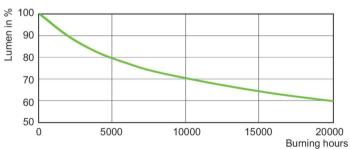


Light Distribution Diagram - MASTER HPI Plus 250W/645 BU E40 1SL/12

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

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