



# **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                           |  |

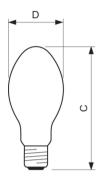
Datasheet, 2024, February 8 data subject to change

## **MASTER HPI Plus**

| Material Nr. (12NC)             | 928076709891  |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8711500181145 |
| Numerator - Packs per outer box | 12            |

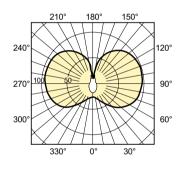
| EAN/UPC - Case | 8711500181152 |  |
|----------------|---------------|--|

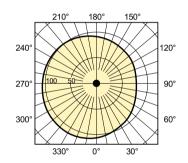
## Dimensional drawing

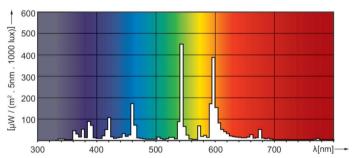


| Product                                | D (max) | C (max) |
|--|---------|---------|
| MASTER HPI Plus 250W/645 BU E40 1SL/12 | 91 mm   | 226 mm  |

#### Photometric data



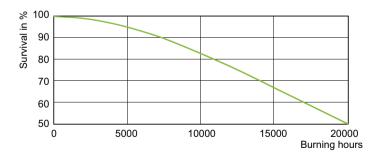


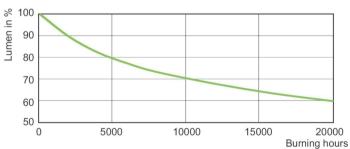


Light Distribution Diagram - MASTER HPI Plus 250W/645 BU E40 1SL/12

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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