



# MASTER Plastic LEDcandles & lusters

## MAS LEDlustre DT 2.8-25W E14 P48 CL

Delivering incandescent-like sparkling light effects, MASTER LEDcandle bulbs are ideal for general and decorative lighting in the hospitality industry, as well as in home environments. The dimmable MASTER LEDcandles drive further efficiencies, while helping to create the desired atmosphere. Mounted in full view in chandeliers, wall scones or modern luminaires, the clear or frosted glass bulbs fit all existing fixtures with an E14 and B15 socket. Drawing upon inputs from chandelier makers and designed to enhance the aesthetic appeal of the chandelier or luminaire, not only when lit but also when not, these lamps come in a classical slender shape with a unique, eye-catching lens design. They produce a beautiful sparkling warm light that delivers huge energy savings and minimizes maintenance cost. The flame-shaped candle lamps comes in a classical slender shape with a unique, eye-catching lens design that perfectly complements modern LED candles.

### Product data

| General Information        |                |
|----------------------------|----------------|
| Cap-Base                   | E14 [E14]      |
| Nominal lifetime           | 25,000 hour(s) |
| Switching Cycle            | 50,000         |
| Lighting Technology        | LED            |
| Flux measurement reference | Sphere         |
| CE mark                    | Yes            |
| EU RoHS compliant          | Yes            |

| Light Technical   |                              |
|-------------------|------------------------------|
| Color Code        | 822-827 [tunable warm white] |
| Luminous Flux     | 250 lm                       |
| Color Designation | Warm Glow(WG)                |

|  |             |
|--|-------------|
| Correlated Color Temperature (Nom)           | 2200 2700 K |
| Luminous Efficacy (rated) (Nom)              | 89.00 lm/W  |
| Color Consistency                            | <6          |
| Color rendering index (CRI)                  | 80          |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %        |
| Flickering value (PstLM)                     | 0.9         |
| Stroboscopic effect value (SVM)              | 0.4         |
| Photobiological safety according to EN 62471 | RG1         |

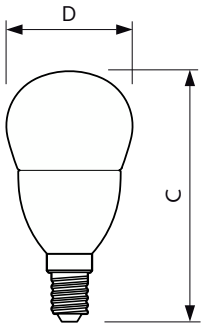
| Operating and Electrical |             |
|--------------------------|-------------|
| Line Frequency           | 50 to 60 Hz |
| Input Frequency          | 50 to 60 Hz |
| Power Consumption        | 2.8 W       |

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|                                 |                            |
|---------------------------------|----------------------------|
| Lamp Current (Nom)              | 14 mA                      |
| Wattage Equivalent              | 25 W                       |
| Starting Time (Nom)             | 0.5 s                      |
| Warm-up time to 60% light       | 0.5 s                      |
| Power Factor (Fraction)         | 0.7                        |
| Voltage (Nom)                   | 220-240 V                  |
| <b>Temperature</b>              |                            |
| T-Case Maximum (Nom)            | 80 °C                      |
| <b>Controls and Dimming</b>     |                            |
| Dimmable                        | Only with specific dimmers |
| <b>Mechanical and Housing</b>   |                            |
| Bulb Finish                     | Clear                      |
| Bulb Shape                      | P48 [P 48mm]               |
| <b>Approval and Application</b> |                            |
| Energy Efficiency Class         | F                          |

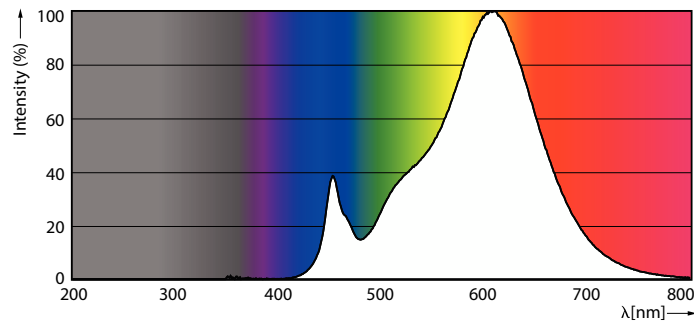
|                                 |                                     |
|---------------------------------|-------------------------------------|
| Energy Consumption kWh/1000 h   | 3 kWh                               |
| EPREL Registration Number       | 614867                              |
| EyeComfort                      | Yes                                 |
| <b>Product Data</b>             |                                     |
| Order product name              | MAS LEDlustre DT 2.8-25W E14 P48 CL |
| Full product name               | MAS LEDlustre DT 2.8-25W E14 P48 CL |
| Full product code               | 871951430606600                     |
| Order code                      | 929002490702                        |
| Material Nr. (12NC)             | 929002490702                        |
| Numerator - Quantity Per Pack   | 1                                   |
| EAN/UPC - Product/Case          | 8719514306066                       |
| Numerator - Packs per outer box | 10                                  |
| EAN/UPC - Case                  | 8719514306073                       |

## Dimensional drawing

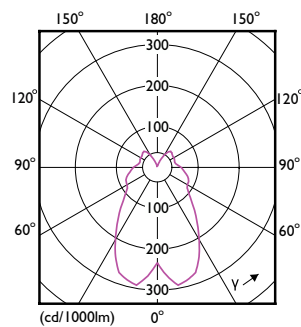


| Product                             | D     | C     |
|-------------------------------------|-------|-------|
| MAS LEDlustre DT 2.8-25W E14 P48 CL | 50 mm | 95 mm |

## Photometric data



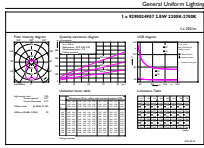
Spectral Power Distribution Colour - MAS LEDlustre DT 2.8-25W E14 P48 CL



Light Distribution Diagram - MAS LEDlustre DT 2.8-25W E14 P48 CL

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## Photometric data



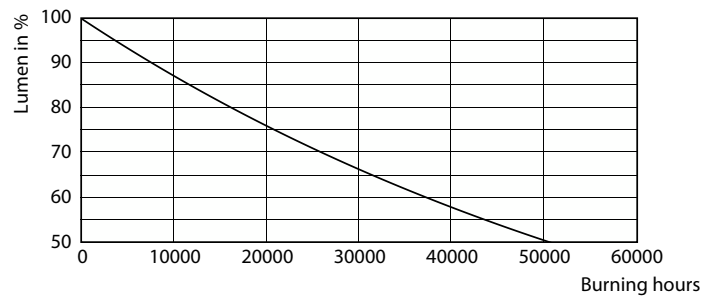
General Uniform Lighting  
1-1 DIMENSIONAL LIGHTING CODE  
1-1 2800lm  
General Parameters 41 Philips Lighting B.V.  
Page 1/1

General uniform lighting - MAS LEDlustre DT 2.8-25W E14 P48 CL

## Lifetime



Life Expectancy Diagram - MAS LEDlustre DT 2.8-25W E14 P48 CL



Lumen Maintenance Diagram - MAS LEDlustre DT 2.8-25W E14 P48 CL

