



# MASTER LEDcandle DiamondSpark



## MASTER LEDcandle DT 5.5-40W B15 B38 CL UK

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            | B15      |
| Nominal lifetime    | 25,000 h |
| Switching Cycle     | 50,000   |
| Lighting Technology | LED      |

| Light Technical                  |                              |
|----------------------------------|------------------------------|
| Colour Code                      | 822-827 [tunable warm white] |
| Luminous Flux                    | 470 lm                       |
| Luminous efficacy (rated) (nom.) | 85.00 lm/W                   |
| Colour designation               | Warm Glow (WG)               |
| Correlated Colour Temperature    | 2200 2700 K                  |
| Colour consistency               | <6                           |

|  |      |
|--|------|
| Colour rendering index (CRI)                 | 80   |
| LLMF at end of nominal lifetime (nom.)       | 70 % |
| Flickering value (PstLM)                     | 0.9  |
| Stroboscopic effect                          | 0.39 |
| Photobiological safety according to EN 62471 | RG1  |

| Operating and Electrical |             |
|--------------------------|-------------|
| Line Frequency           | 50 to 60 Hz |
| Input frequency          | 50 to 60 Hz |
| Power Consumption        | 5.5 W       |
| Lamp current (nom.)      | 26 mA       |
| Wattage equivalent       | 40 W        |
| Starting time (nom.)     | 0.5 s       |

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|                                    |           |
|------------------------------------|-----------|
| Warm-up time to 60% light          | 0.5 s     |
| Power Factor (Fraction)            | 0.9       |
| Voltage (nom.)                     | 220-240 V |
| <b>Temperature</b>                 |           |
| T-Case maximum (nom.)              | 80 °C     |
| <b>Controls and Dimming</b>        |           |
| Dimmable                           | Yes       |
| <b>Mechanical and Housing</b>      |           |
| Lamp Finish                        | Clear     |
| Bulb shape                         | B38       |
| <b>Approval and Application</b>    |           |
| Energy Efficiency Class            | F         |
| Energy consumption kWh/1,000 hours | 6 kWh     |
| EPREL registration number          | 614858    |
| EU RoHS compliant                  | Yes       |
| EyeComfort                         | Yes       |

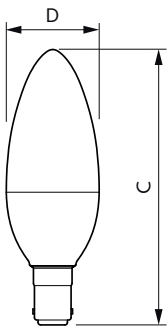
## Application Conditions

|                                     |    |
|-------------------------------------|----|
| Can it be used in closed luminaires | No |
|-------------------------------------|----|

## Product Data

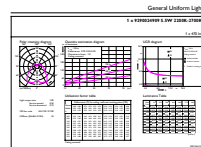
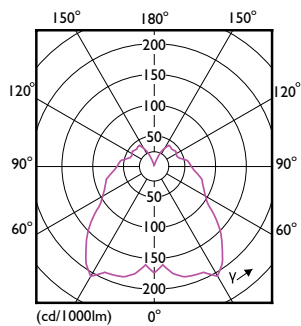
|                                 |   |
|---------------------------------|---|
| Order product name              | MAS LEDcandle DT 5.5-40W B15 B38 CL UK    |
| Full product name               | MASTER LEDcandle DT 5.5-40W B15 B38 CL UK |
| Full EOC                        | 871951430612701                           |
| Order code                      | 30612701                                  |
| Material no. (12 NC)            | 929002490999                              |
| Numerator – quantity per pack   | 1   |
| Net Weight (Piece)              | 0.053 kg                                  |
| EAN/UPC – Product/Case          | 8719514306127                             |
| Numerator – packs per outer box | 10  |
| EAN/UPC - Case                  | 8719514405530                             |

## Dimensional drawing



| Product                                | D     | C      |
|--|-------|--------|
| MAS LEDcandle DT 5.5-40W B15 B38 CL UK | 38 mm | 113 mm |

## Photometric data

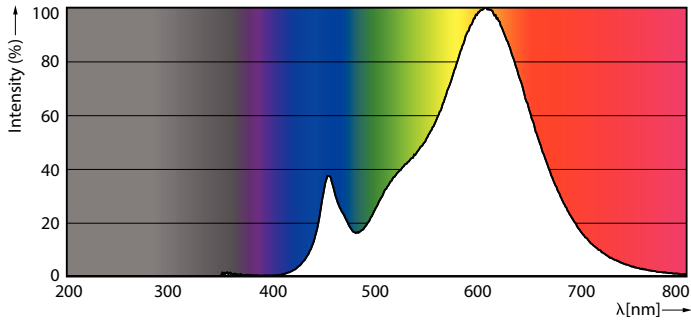


Light Distribution Diagram - MAS LEDcandle DT 5.5-40W B15 B38 CL UK

General uniform lighting - MAS LEDcandle DT 5.5-40W B15 B38 CL UK

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## Photometric data



Spectral Power Distribution Colour - MAS LEDcandle DT 5.5-40W B15 B38  
CL UK

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDcandle DT 5.5-40W B15 B38 CL UK

