



# MASTER LEDcandle DiamondSpark



## MAS LEDcandle DT 5.5-40W E27 B38 CL UK

MASTER, LEDbulb, B38, 40 W, E27, 2200 K, 2700 K, 470 lm, CRI 80, 25000 h

MASTER, LEDbulb, B38, 40 W, E27, 2200 K, 2700 K, 470 lm, CRI 80, 25000 h, 85.00 lm/W, EEL F, PF 0.9, RG1, IP20, SVM 0.39, PstLM 0.9

### Product data

| General Information                          |                              |
|--|------------------------------|
| Cap base                                     | E27                          |
| Nominal lifetime                             | 25,000 h                     |
| Switching Cycle                              | 50,000                       |
| Lighting Technology                          | LEDbulb                      |
| Warranty period                              | 5 years                      |
| Light Technical                              |                              |
| Colour Code                                  | 822-827 [tunable warm white] |
| Luminous Flux                                | 470 lm                       |
| Colour designation                           | Warm Glow (WG)               |
| Correlated Colour Temperature (Nom)          | 2200 2700 K                  |
| Luminous efficacy (rated) (nom.)             | 85.00 lm/W                   |
| Colour consistency                           | <6                           |
| Colour rendering index (CRI)                 | 80                           |
| LLMF at end of nominal lifetime (nom.)       | 70 %                         |
| 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       |
| Warm-up time to 60% light | 0.5 s       |
| Power Factor (Fraction)   | 0.9         |
| Voltage (nom.)            | 220-240 V   |

| Temperature           |       |
|-----------------------|-------|
| T-Case maximum (nom.) | 80 °C |

| Controls and Dimming |                            |
|----------------------|----------------------------|
| Dimmable             | Only with specific dimmers |

| Mechanical and Housing |       |
|------------------------|-------|
| Lamp Finish            | Clear |

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|                    |          |
|--------------------|----------|
| Bulb shape         | B38      |
| Net Weight (Piece) | 0.053 kg |

## Approval and Application

|                                    |               |
|------------------------------------|---------------|
| Energy Efficiency Class            | F             |
| Energy consumption kWh/1,000 hours | 6 kWh         |
| EPREL Registration Number          | 614855        |
| EU RoHS compliant                  | Yes           |
| EyeComfort                         | Yes           |
| Flickering value (PstLM)           | 0.9           |
| Stroboscopic effect                | 0.39          |
| Ambient temperature range          | -20 to +45 °C |

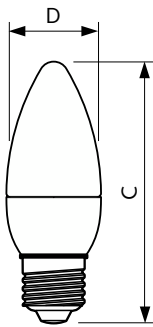
## Application Conditions

|                                     |                |
|-------------------------------------|----------------|
| Can it be used in closed luminaires | No             |
| Wireless Technology                 | Not applicable |

## Product Data

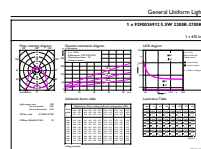
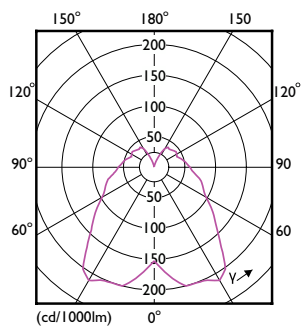
|                                 |  |
|---------------------------------|--|
| Order product name              | MAS LEDcandle DT 5.5-40W E27 B38 CL UK |
| Full product name               | MAS LEDcandle DT 5.5-40W E27 B38 CL UK |
| Full EOC                        | 871951430638701                        |
| Order code                      | 929002491299                           |
| Material no. (12 NC)            | 929002491299                           |
| Numerator – quantity per pack   | 1                                      |
| EAN/UPC – Product/Case          | 8719514306387                          |
| Numerator – packs per outer box | 10                                     |
| EAN/UPC - Case                  | 8719514405509                          |

## Dimensional drawing



| Product                                | D     | C      |
|--|-------|--------|
| MAS LEDcandle DT 5.5-40W E27 B38 CL UK | 38 mm | 112 mm |

## Photometric data

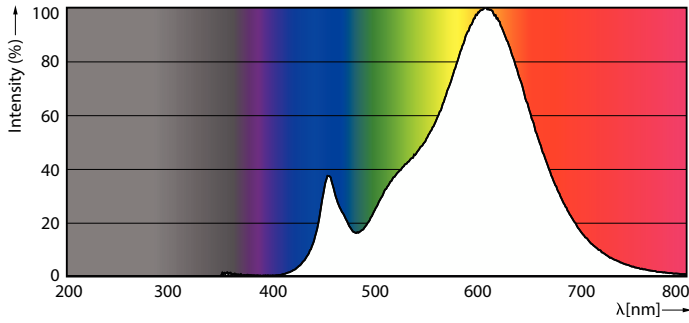


Light Distribution Diagram - MAS LEDcandle DT 5.5-40W E27 B38 CL UK

General uniform lighting - MAS LEDcandle DT 5.5-40W E27 B38 CL UK

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## Photometric data

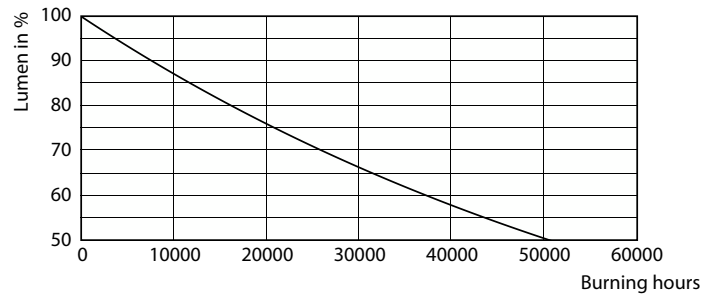


Spectral Power Distribution Colour - MAS LEDcandle DT 5.5-40W E27 B38  
CL UK

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDcandle DT 5.5-40W E27 B38 CL UK

