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

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	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

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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

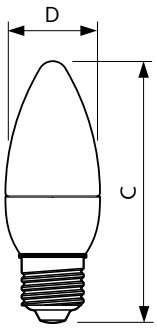
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	B38
Net Weight (Piece)	0.053 kg

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

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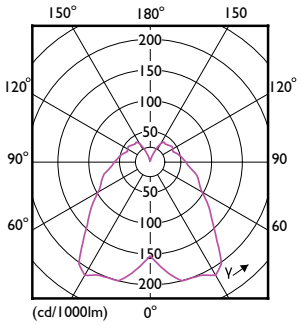
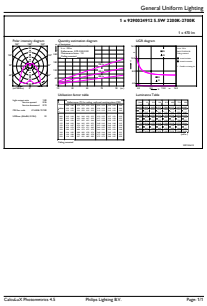
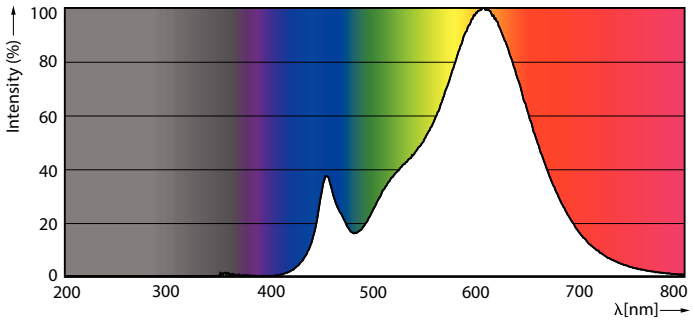
Photometric data



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

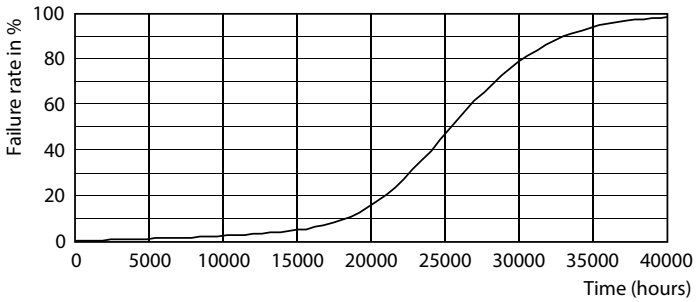


General uniform lighting - MAS LEDcandle DT 5.5-40W E27 B38 CL UK

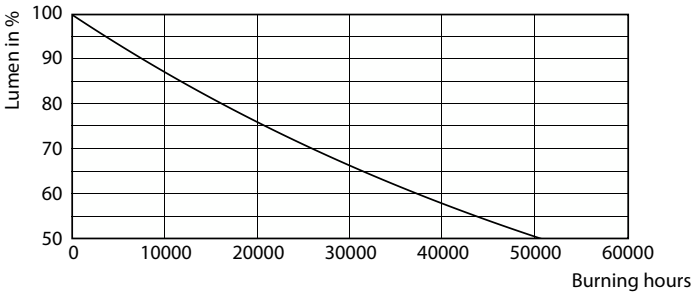


Spectral Power Distribution Colour - MAS LEDcandle DT 5.5-40W E27 B38 CL UK

Lifetime



Life Expectancy Diagram



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

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