



MASTER LEDcandle DiamondSpark



MASTER LEDcandle DT 2.8-25W B22 B38 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	B22
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Colour Code	822-827 [tunable warm white]
Luminous Flux	250 lm
Luminous efficacy (rated) (nom.)	89.00 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	0.4
Photobiological safety according to EN 62471	RG1

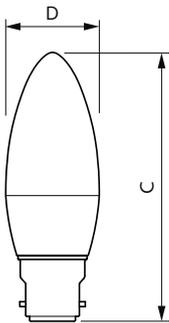
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	2.8 W
Lamp current (nom.)	14 mA
Wattage equivalent	25 W

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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
Temperature	
T-Case maximum (nom.)	80 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	B38
Approval and Application	
Energy Efficiency Class	F
Energy consumption kWh/1,000 hours	3 kWh
EPREL registration number	614856
EU RoHS compliant	Yes

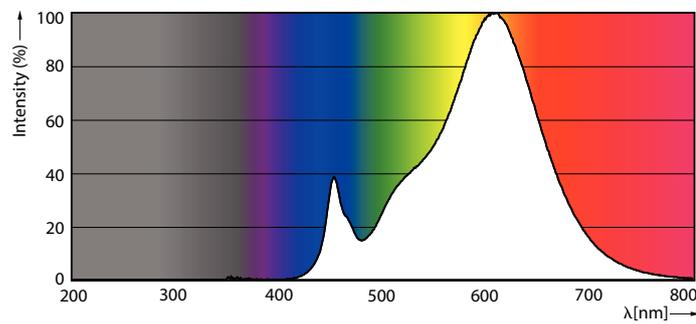
EyeComfort	Yes
Application Conditions	
Can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDcandle DT 2.8-25W B22 B38 CL
Full product name	MASTER LEDcandle DT 2.8-25W B22 B38 CL
Full EOC	871951430610300
Order code	30610300
Material no. (12 NC)	929002490502
SAP numerator – quantity per pack	1
Net Weight (Piece)	0.053 kg
EAN/UPC – Product/Case	8719514306103
Numerator – packs per outer box	10
EAN/UPC - Case	8719514306110

Dimensional drawing

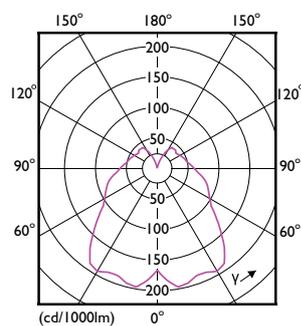


Product	D	C
MAS LEDcandle DT 2.8-25W B22 B38 CL	38 mm	111 mm

Photometric data



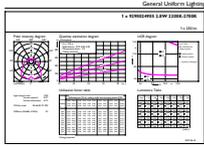
Spectral Power Distribution Colour - MAS LEDcandle DT 2.8-25W B22 B38 CL



Light Distribution Diagram - MAS LEDcandle DT 2.8-25W B22 B38 CL

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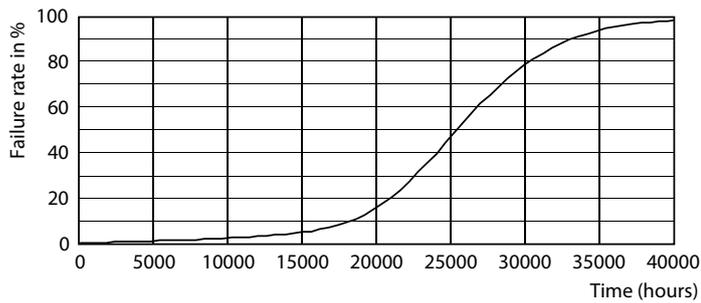
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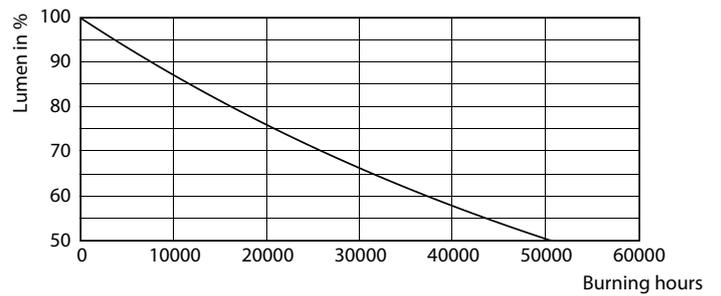
General Parameters 41 Philips Lighting B.V. Page 107

General uniform lighting - MAS LEDcandle DT 2.8-25W B22 B38 CL

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDcandle DT 2.8-25W B22 B38 CL

