



MASTER Plastic LEDbulbs

MAS LEDbulb DT 8-60W E27 A60 CL UK

The MASTER Plastic LEDbulb range delivers a dimmable glow effect for a welcoming, warm atmosphere, making it ideal for general lighting applications in the hospitality industry. Its unique design radiates warm light in all directions, making it a true alternative to incandescent lamps. They are particularly suitable for public areas such as lobbies, corridors, stairwells, where the light is always on. Compatible with existing fixtures with an E27 holder and designed for retrofit replacement of incandescent bulbs, MASTER Plastic LEDbulb delivers huge energy savings of up to 80% compared with traditional incandescent lamps and provides excellent quality of light. By offering a lifetime of 25,000 hours it lowers maintenance costs. They can be used together with most leading-edge dimmers, enabling further efficiencies while helping to create the desired atmosphere.

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Product data

General Information	
Cap-Base	E27
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	822-827 [tunable warm white]

Luminous Flux	806 lm
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Designation	Warm Glow(WG)
Correlated Color Temperature (Nom)	2200 2700 K
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.9
Stroboscopic effect visibility measure (SVM)	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	8 W
Lamp Current (Nom)	37 mA
Wattage Equivalent	60 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
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	A60

Approval and Application	
Energy Efficiency Class	F
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	614865
EU RoHS compliant	Yes
EyeComfort	Yes

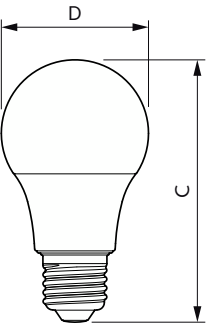
Application Conditions

can it be used in closed luminaires	No
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Product Data

Order product name	MAS LEDbulb DT 8-60W E27 A60 CL UK
Full product name	MAS LEDbulb DT 8-60W E27 A60 CL UK
Full product code	871951430634901
Order code	929002490299
Material Nr. (12NC)	929002490299
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.076 kg
EAN/UPC - Product/Case	8719514306349
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514405554

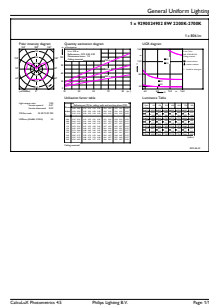
Dimensional drawing



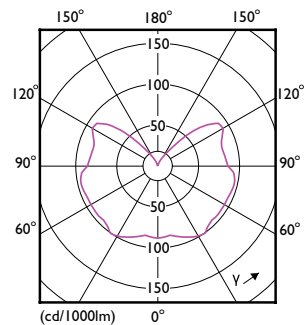
Product	D	C
MAS LEDbulb DT 8-60W E27 A60 CL UK	60.5 mm	110 mm

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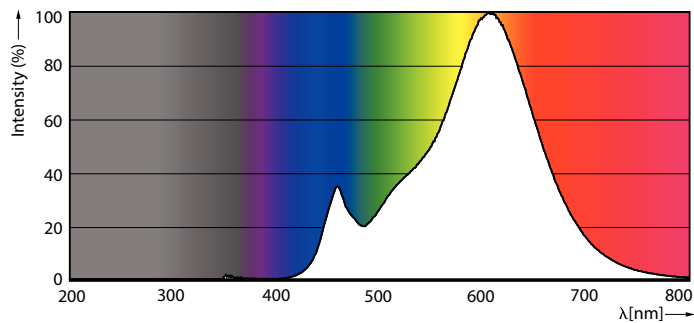
Photometric data



General uniform lighting - MAS LEDbulb DT 8-60W E27 A60 CL UK

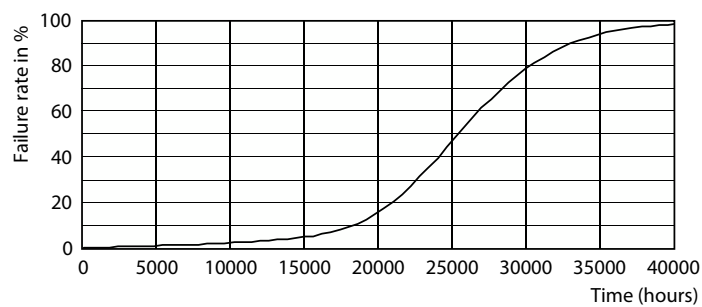


Light Distribution Diagram - MAS LEDbulb DT 8-60W E27 A60 CL UK

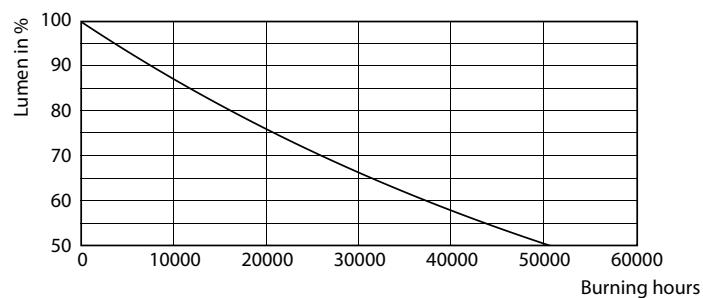


Spectral Power Distribution Colour - MAS LEDbulb DT 8-60W E27 A60 CL UK

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDbulb DT 8-60W E27 A60 CL UK

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