



MASTER Plastic LEDbulbs

MASTER LEDbulb DT 5.5-40W E27 A60 CL

The MASTER 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 the incandescent lamp. 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 LEDbulb delivers huge energy savings and minimizes maintenance cost without any compromise on light quality. 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 [E27]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical	
Color Code	822-827 [tunable warm white]
Luminous Flux	470 lm
Color Designation	Warm Glow(WG)
Correlated Color Temperature (Nom)	2200 2700 K
Luminous Efficacy (rated) (Nom)	85.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

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Flickering value (PstLM)	0.9
Stroboscopic effect value (SVM)	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	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
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Clear
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Bulb Shape	A60 [A 60mm]
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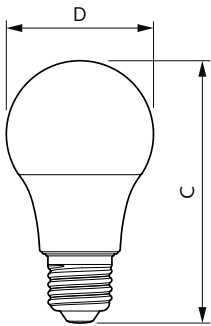
Approval and Application

Energy Efficiency Class	F
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	614852
EyeComfort	Yes

Product Data

Order product name	MAS LEDbulb DT 5.5-40W E27 A60 CL
Full product name	MASTER LEDbulb DT 5.5-40W E27 A60 CL
Full product code	871951430630100
Order code	30630100
Material Nr. (12NC)	929002490002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514306301
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514306318

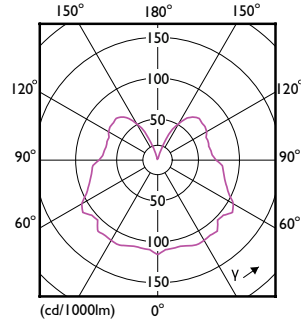
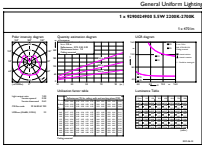
Dimensional drawing



Product	D	C
MAS LEDbulb DT 5.5-40W E27 A60 CL	60.5 mm	109 mm

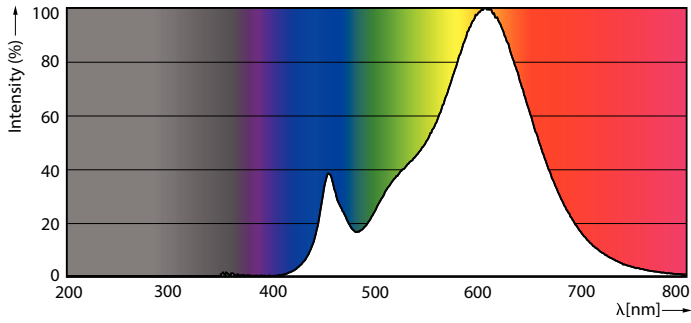
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Photometric data



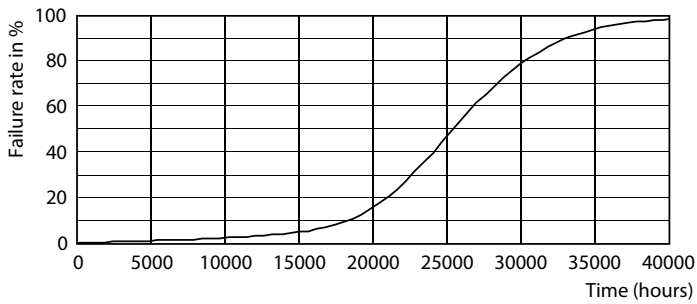
General uniform lighting - MAS LEDbulb DT 5.5-40W E27 A60 CL

Light Distribution Diagram - MAS LEDbulb DT 5.5-40W E27 A60 CL

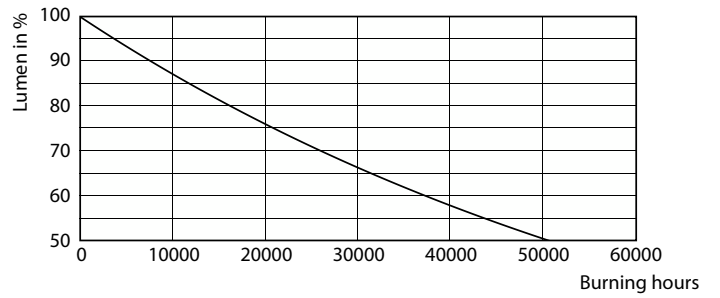


Spectral Power Distribution Colour - MAS LEDbulb DT 5.5-40W E27 A60 CL

Lifetime



Life Expectancy Diagram - MAS LEDbulb DT 5.5-40W E27 A60 CL



Lumen Maintenance Diagram - MAS LEDbulb DT 5.5-40W E27 A60 CL

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