



MASTER Plastic LEDbulbs

MASTER LEDbulb DT 15-100W A67 E27 827 FR

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
EU RoHS compliant	Yes
Light Technical	
Color Code	822-827 [tunable warm white]

Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Luminous Efficacy (rated) (Nom)	101 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

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Input Frequency	50 to 60 Hz
Power Consumption	15 W
Lamp Current (Nom)	84 mA
Wattage Equivalent	100 W
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)	105 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Shape	A67 [A 67mm]
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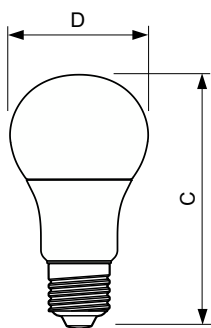
Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	15 kWh

Product Data

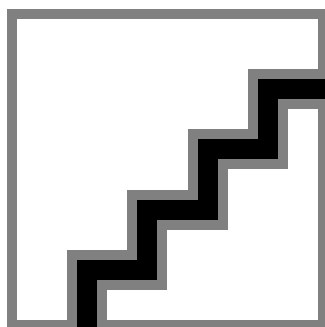
Order product name	MAS LEDbulb DT 15-100W A67 E27 827 FR
Full product name	MASTER LEDbulb DT 15-100W A67 E27 827 FR
Full product code	87186965555200
Order code	55555200
Material Nr. (12NC)	929001184402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696555552
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696555569

Dimensional drawing

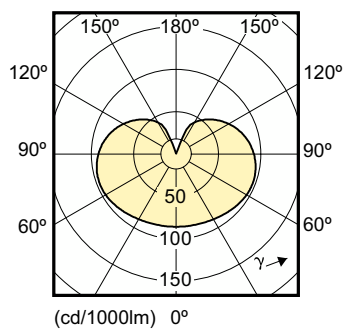


Product	D	C
MAS LEDbulb DT 15-100W A67 E27 827 FR	70.6 mm	137.2 mm

Photometric data

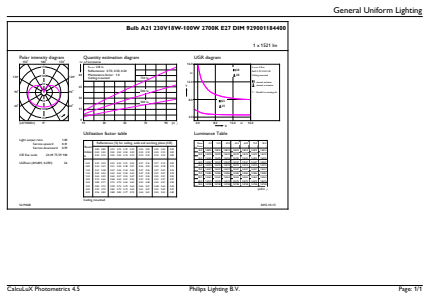


Spectral Power Distribution Colour - MAS LEDbulb DT 15-100W A67 E27 827 FR



Light Distribution Diagram - MAS LEDbulb DT 15-100W A67 E27 827 FR

Photometric data



General uniform lighting - MAS LEDbulb DT 15-100W A67 E27 827 FR

