



MASTER Plastic LEDbulbs

MAS LEDbulb DT 15-100W A67 B22 827 FR

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	B22 [B22]
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

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LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
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
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	A67 [A 67mm]

Dimensional drawing

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 B22 827 FR
Full product name	MAS LEDbulb DT 15-100W A67 B22 827 FR
Full product code	871869655557600
Order code	929001200302
Material Nr. (12NC)	929001200302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696555576
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696555583

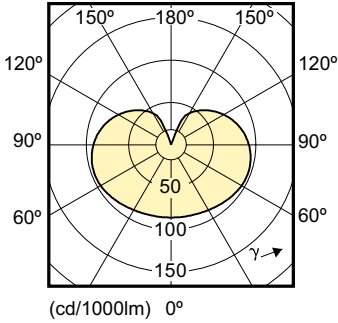
Product	D	C
MAS LEDbulb DT 15-100W A67 B22 827 FR	70.6 mm	135.9 mm

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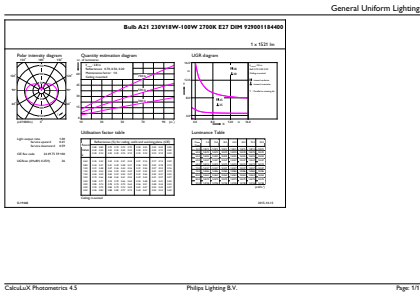
Photometric data



Spectral Power Distribution Colour - MAS LEDbulb DT 15-100W A67 B22 827 FR



Light Distribution Diagram - MAS LEDbulb DT 15-100W A67 B22 827 FR



General uniform lighting - MAS LEDbulb DT 15-100W A67 B22 827 FR

