



# MASTER Plastic LEDbulbs

## MASTER LEDBulb D 18-100W E27 827 A67

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

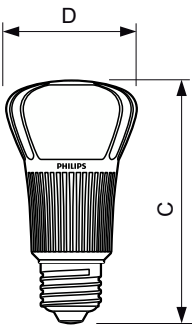
General Information			
Cap-Base	E27 [E27]	Luminous Flux	1,521 lm
Nominal lifetime	25,000 hour(s)	Color Designation	Warm White (WW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	2700 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	84.50 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical			
Color Code	827 [CCT of 2700K]		

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Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	18 W
Lamp Current (Nom)	90 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	A67 [A 67mm]

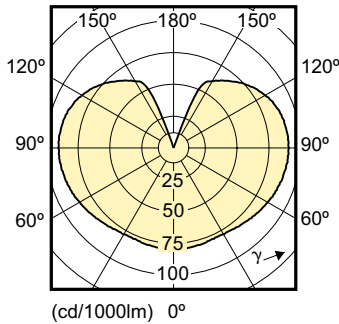
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	18 kWh
Product Data	
Order product name	MAS LEDBulb D 18-100W E27 827 A67
Full product name	MASTER LEDBulb D 18-100W E27 827 A67
Full product code	871829175856300
Order code	75856300
Material Nr. (12NC)	929000276802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291758563
Numerator - Packs per outer box	6
EAN/UPC - Case	8718291758570

Dimensional drawing



Product	D	C
MAS LEDBulb D 18-100W E27 827 A67	66 mm	122.6 mm

Photometric data



Light Distribution Diagram - MAS LEDBulb D 18-100W E27 827 A67

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