



# MASTER Plastic LEDbulbs

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

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 [E27]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	84.50 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

MASTER Plastic LEDbulbs

LLMF At End Of Nominal Lifetime (Nom)	70 %
---------------------------------------	------

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]
------------	--------------

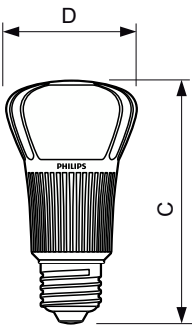
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	18 kWh

Product Data

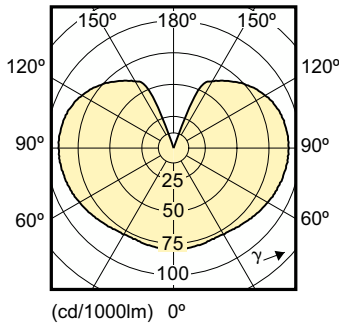
Order product name	MAS LEDBulb D 18-100W E27 827 A67
Full product name	MAS LEDBulb D 18-100W E27 827 A67
Full product code	871829175856300
Order code	929000276802
Material Nr. (12NC)	929000276802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291758563
Numerator - Packs per outer box	6
EAN/UPC - 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

## MASTER Plastic LEDbulbs

