

MASTER Plastic LEDbulbs

MAS LEDbulb D 6-40W E27 827 A60 CL

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 | 470 lm |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 78.33 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 | 6 W |
| Lamp Current (Nom) | 48 mA |
| 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 |

Temperature

| | |
|----------------------|-------|
| T-Case Maximum (Nom) | 90 °C |
|----------------------|-------|

Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

| | |
|------------|--------------|
| Bulb Shape | A60 [A 60mm] |
|------------|--------------|

Approval and Application

| | |
|-------------------------------|-------|
| Suitable For Accent Lighting | No |
| Energy Consumption kWh/1000 h | 6 kWh |

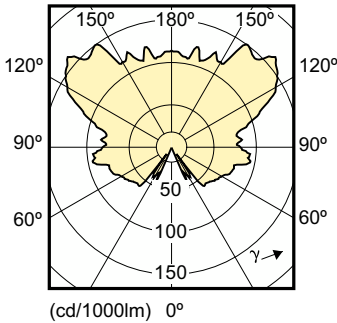
Product Data

| | |
|---------------------------------|------------------------------------|
| Order product name | MAS LEDbulb D 6-40W E27 827 A60 CL |
| Full product name | MAS LEDbulb D 6-40W E27 827 A60 CL |
| Full product code | 871829176244700 |
| Order code | 929000272402 |
| Material Nr. (12NC) | 929000272402 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291762447 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8718291762454 |

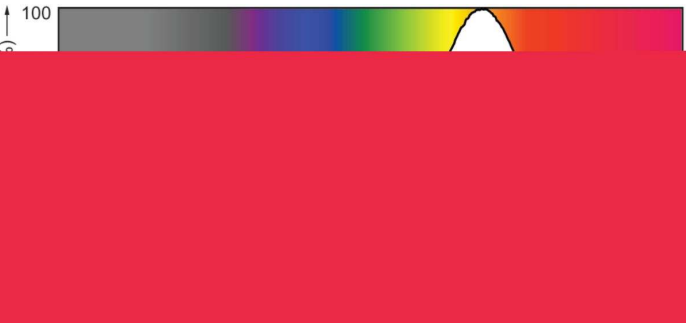
Dimensional drawing

| Product | D | C |
|------------------------------------|-------|--------|
| MAS LEDbulb D 6-40W E27 827 A60 CL | 58 mm | 110 mm |

Photometric data



Light Distribution Diagram - MAS LEDbulb D 6-40W E27 827 A60 CL



Spectral Power Distribution Colour - MAS LEDbulb D 6-40W E27 827 A60 CL

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