



Essential LED bulbs

Ess LEDBulb 12-100W E27 6500K 4PF/6 MX

LEDbulb, A19, 100 W, E27, 6500 K, 1310 lm, 15000 hour(s)

Essential LEDbulbs are compatible with existing fixtures with a E27 holder and are designed for retrofit replacement of incandescent, halogen and energy saving bulbs. They deliver huge energy savings and minimize initial investment

Product data

| General Information | |
|---------------------|----------------|
| Cap-Base | E27 |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LEDbulb |
| Warranty period | 1 years |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 865 [CCT of 6500K] |
| Beam Angle (Nom) | 150 degree(s) |
| Luminous Flux | 1,310 lm |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 109.00 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 |
| Input Frequency | 50 to 60 Hz |

| | |
|---------------------------|-----------|
| Power Consumption | 12 W |
| Lamp Current (Nom) | 220 mA |
| Wattage Equivalent | 100 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.5 |
| Voltage (Nom) | 100-130 V |

| Temperature | |
|----------------------|-------|
| T-Case Maximum (Nom) | 95 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | No |

| Mechanical and Housing | |
|------------------------|----------|
| Bulb Finish | Frosted |
| Bulb Shape | A19 |
| Net Weight (Piece) | 0.034 kg |

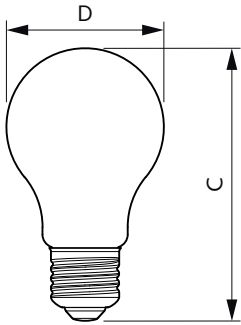
| Approval and Application | |
|--------------------------|-----|
| EU RoHS compliant | Yes |

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| | |
|---------------------------|--|
| Ambient temperature range | -20 to +45 °C |
| Product Data | |
| Order product name | Ess LEDBulb 12-100W E27 6500K 4PF/6 MX |
| Full product name | Ess LEDBulb 12-100W E27 6500K 4PF/6 MX |
| Full product code | 871951431563100 |
| Order code | 929002312872 |

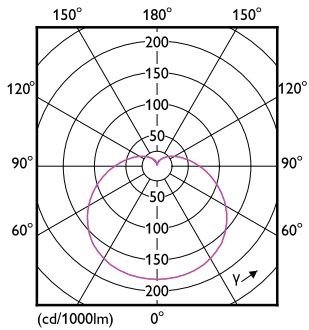
| | |
|---------------------------------|---------------|
| Material Nr. (12NC) | 929002312872 |
| Numerator - Quantity Per Pack | 4 |
| EAN/UPC - Product/Case | 8719514315631 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8719514315648 |

Dimensional drawing

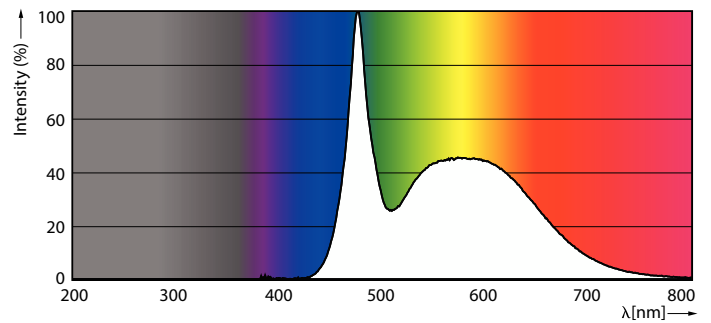


| Product | D | C |
|--|-------|--------|
| Ess LEDBulb 12-100W E27 6500K 4PF/6 MX | 60 mm | 108 mm |

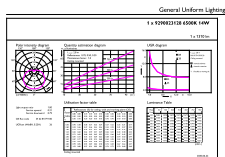
Photometric data



Light Distribution Diagram - Ess LEDBulb 12-100W E27 6500K 4PF/6 MX



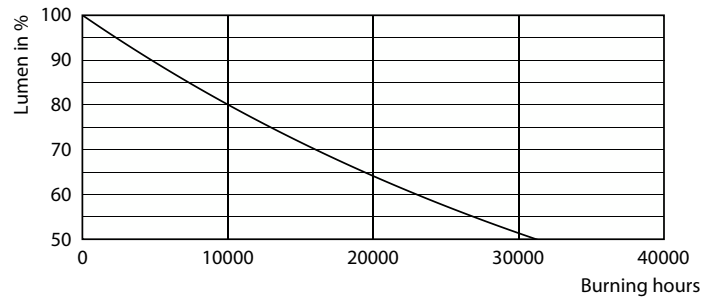
Spectral Power Distribution Colour - Ess LEDBulb 12-100W E27 6500K 4PF/6 MX



General uniform lighting - Ess LEDBulb 12-100W E27 6500K 4PF/6 MX

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - Ess LEDBulb 12-100W E27 6500K 4PF/6 MX

