



MASTER UltraEfficient GU10

MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

With Philips Ultra Efficient GU10 LED spots, you have the perfect retrofit lamp to help your customers save energy and money with high quality, long-lasting and ultra energy-efficient LED.

Product data

| General information | |
|--|-----------------------|
| Cap base | GU10 [GU10] |
| EU RoHS compliant | Yes |
| Nominal lifetime (nom.) | 50000 h |
| Switching cycle | 50,000X |
| | Narrow Cone |
| Tier | Master |
| Light technical | |
| Colour Code | 830 [CCT of 3,000 K] |
| Beam Angle (Nom) | 36 ° |
| Luminous flux (nom.) | 380 lm |
| Luminous intensity (nom.) | 800 cd |
| Colour designation | White (WH) |
| Correlated Colour Temperature (Nom) | 3000 K |
| Luminous efficacy (rated) (nom.) | 158 lm/W |
| Colour consistency | <6 |
| Colour rendering index (nom.) | 80 |
| LLMF at end of nominal lifetime (nom.) | 70 % |
| Luminous flux in 90° cone (rated) | 380 lm |

| Operating and electrical | |
|----------------------------------|---------------|
| Input frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 2.4 W |
| Lamp current (nom.) | 27 mA |
| Wattage equivalent | 50 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.35 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| T-ambient (max.) | 45 °C |
| T-ambient (min.) | -20 °C |
| T-Case maximum (nom.) | 55 °C |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Lamp Finish | Clear |
| Bulb material | Clear plastic |

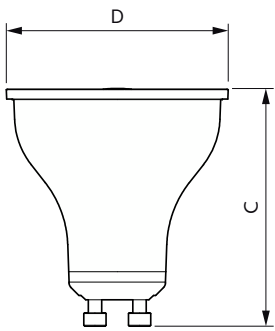
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| | |
|------------------------------------|---------------------|
| Bulb shape | PAR16 [PAR 2 inch] |
| Approval and application | |
| Energy Efficiency Class | B |
| Suitable for accent lighting | Yes |
| Energy consumption kWh/1,000 hours | 3 kWh |
| | 1087972 |

| | |
|---------------------|-----------------|
| Product data | |
| Full product code | 871951442174500 |

| | |
|-----------------------------------|---|
| Order product name | MAS LEDspot UE 2.4-50W GU10 ND 830 EELB |
| EAN/UPC – product | 8719514421745 |
| Order code | 42174500 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 10 |
| SAP material | 929003163102 |
| Net Weight (Piece) | 0.036 kg |

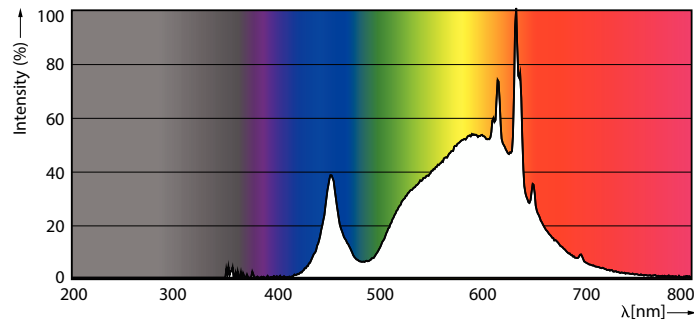
Dimensional drawing



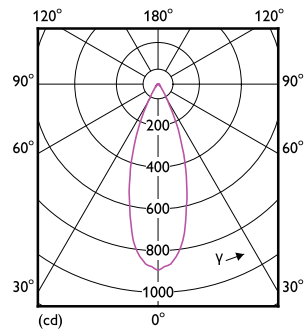
MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

| Product | D | C |
|---|-------|-------|
| MAS LEDspot UE 2.4-50W GU10 ND 830 EELB | 50 mm | 54 mm |

Photometric data



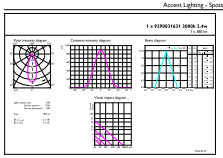
Spectral Power Distribution Colour



Light Distribution Diagram

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Photometric data

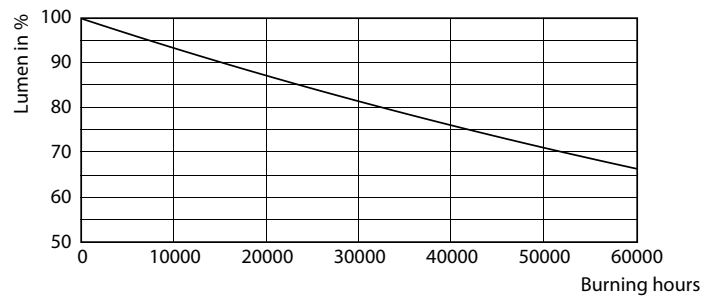


Accent Lighting Spots

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

