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MASTER UltraEfficient GU10

MAS LEDspot UE 2.4-50W GU10 ND 840 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 | 840 [CCT of 4,000 K] |
| Beam Angle (Nom) | 36 ° |
| Luminous flux (nom.) | 380 lm |
| Luminous intensity (nom.) | 900 cd |
| Colour designation | Cool White (CW) |
| Correlated Colour Temperature (Nom) | 4000 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 |
| | |

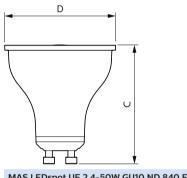
| Operating and electrical | |
|----------------------------------|---------------|
| Input frequency | 50 to 60 Hz |
| Power (Rated) (Nom) | 2.4 W |
| Lamp current (nom.) | 27 mA |
| Wattage equivalent | 50 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor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

MASTER UltraEfficient GU10

| Bulb shape | PAR16 [PAR 2 inch] |
|------------------------------------|---------------------|
| | |
| Approval and application | |
| Energy Efficiency Class | В |
| Suitable for accent lighting | Yes |
| Energy consumption kWh/1,000 hours | 3 kWh |
| | 1087971 |
| | |
| Product data | |
| Full product code | 871951442178300 |
| | |

| Order product name | MAS LEDspot UE 2.4-50W GU10 ND 840 EELE | |
|-----------------------------------|---|--|
| EAN/UPC – product | 8719514421783 | |
| Order code | 42178300 | |
| SAP numerator – quantity per pack | 1 | |
| Numerator – packs per outer box | 10 | |
| SAP material | 929003163202 | |
| Net Weight (Piece) | 0.036 kg | |
| | | |

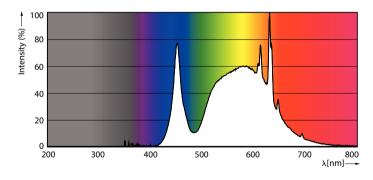
Dimensional drawing



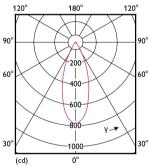
| Product | D | С |
|---|-------|-------|
| MAS LEDspot UE 2.4-50W GU10 ND 840 EELB | 50 mm | 54 mm |

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Photometric data



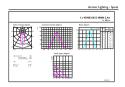
Spectral Power Distribution Colour



Light Distribution Diagram

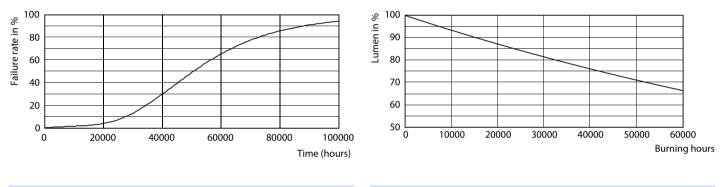
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Photometric data



Accent Lighting Spots

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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