



# MASTER LEDspot GU10 UltraEfficient



# 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               |
| Nominal lifetime                               | 50,000 hour(s)     |
| Switching Cycle                                | 50,000             |
| Lighting Technology                            | LED                |
| Flux measurement reference                     | Narrow Cone        |
|  |                    |
| Light Technical                                |                    |
| Color Code                                     | 830 [CCT of 3000K] |
| Beam Angle (Nom)                               | 36 degree(s)       |
| Luminous Flux                                  | 380 lm             |
| Luminous Intensity (Nom)                       | 900 cd             |
| Luminous Efficacy (rated) (Nom)                | 158 lm/W           |
| Color Designation                              | White (WH)         |
| Correlated Color Temperature (Nom)             | 3000 K             |
| Color Consistency                              | <6                 |
| Color rendering index (CRI)                    | 80                 |
| LLMF At End Of Nominal Lifetime (Nom)          | 70 %               |
| Luminous Flux in 90° Cone (Rated)              | 380 lm             |
| Flickering value (PstLM) - Flickering value as | 1                  |
| per EN 61000-3-3                               |                    |
|  |                    |

| Stroboscopic effect visibility measure (SVM) | 0.4             |
|--|-----------------|
| Photobiological safety according to EN 62471 | RG1             |
|  |                 |
| Operating and Electrical                     |                 |
| Line Frequency                               | 50 to 60 Hz     |
| Input Frequency                              | 50 to 60 Hz     |
| Power Consumption                            | 2.4 W           |
| Lamp Current (Nom)                           | 27 mA           |
| Wattage Equivalent                           | 50 W            |
| Starting Time (Nom)                          | 0.5 s           |
| Warm-up time to 60% light                    | 0.5 s           |
| Power Factor (Fraction)                      | 0.35            |
| Voltage (Nom)                                | 220-240 V       |
|  |                 |
| Temperature                                  |                 |
| Ambient temperature range                    | -20 °C to 45 °C |
| T-Case Maximum (Nom)                         | 55 °C           |
|  |                 |
| Controls and Dimming                         |                 |
| Dimmable                                     | No              |
|  |                 |

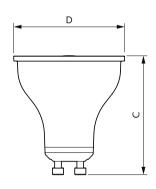
Datasheet, 2024, April 23 data subject to change

# **MASTER LEDspot GU10 UltraEfficient**

| Mechanical and Housing              |               |
|-------------------------------------|---------------|
|                                     |               |
| Bulb Finish                         | Clear         |
| Bulb Material                       | Clear Plastic |
| Bulb Shape                          | PAR16         |
|                                     |               |
| Approval and Application            |               |
| Energy Efficiency Class             | В             |
| Suitable For Accent Lighting        | Yes           |
| Energy Consumption kWh/1000 h       | 3 kWh         |
| EPREL Registration Number           | 1330819       |
| CE mark                             | Yes           |
| EU RoHS compliant                   | Yes           |
| EyeComfort                          | Yes           |
|                                     |               |
| Application Conditions              |               |
| can it be used in closed luminaires | No            |

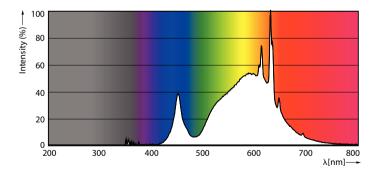
| Dundhoot Data                   |                                |
|---------------------------------|--------------------------------|
| Product Data                    |                                |
| Order product name              | MAS LEDspot UE 2.4-50W GU10 ND |
|                                 | 830 EELB                       |
| Full product name               | MAS LEDspot UE 2.4-50W GU10 ND |
|                                 | 830 EELB                       |
| Full product code               | 871951442174500                |
| Order code                      | 929003163102                   |
| Material Nr. (12NC)             | 929003163102                   |
| Numerator - Quantity Per Pack   | 1                              |
| Net Weight (Piece)              | 0.036 kg                       |
| EAN/UPC - Product/Case          | 8719514421745                  |
| Numerator - Packs per outer box | 10                             |
| EAN/UPC - Case                  | 8719514421752                  |
|                                 |                                |

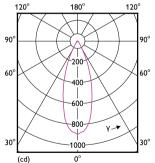
## Dimensional drawing



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

### Photometric data



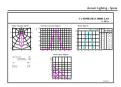


Spectral Power Distribution Colour - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

Light Distribution Diagram - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

## **MASTER LEDspot GU10 UltraEfficient**

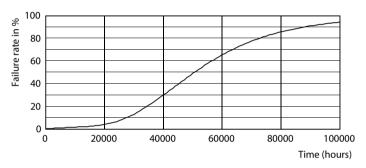
#### Photometric data

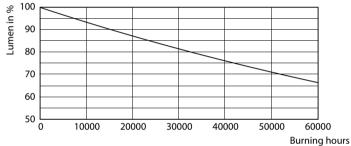


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Accent Lighting Spots - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDspot UE 2.4-50W GU10 ND 830 EELB



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