# **PHILIPS** Lighting



# Essential LEDspot GU10

# EcoBright LED GU10 50W 827 36D 2BC/5

Essential LEDspots are compatible with most existing fixtures with a GU10 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots deliver significant energy savings and minimize initial investment.

#### **Product data**

| General information                   |                     |
|---------------------------------------|---------------------|
| Cap-Base                              | GU10 [ GU10]        |
| EU RoHS compliant                     | Yes                 |
| Nominal Lifetime (Nom)                | 15000 h             |
| Switching Cycle                       | 15000X              |
| Technical Type                        | 4.7-50W             |
|                                       |                     |
| Light technical                       |                     |
| Color Code                            | 827 [ CCT of 2700K] |
| Beam Angle (Nom)                      | 36 °                |
| Luminous Flux (Nom)                   | 400 lm              |
| Luminous Intensity (Nom)              | 700 cd              |
| Color Designation                     | Warm White (WW)     |
| Correlated Color Temperature (Nom)    | 2700 K              |
| Luminous Efficacy (rated) (Nom)       | 85.00 lm/W          |
| Color Consistency                     | <6                  |
| Color Rendering Index (Nom)           | 80                  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |
|                                       |                     |
| Operating and electrical              |                     |
| Input Frequency                       | 50 to 60 Hz         |
|                                       |                     |

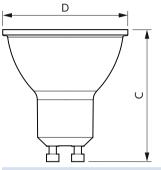
| Power (Nom)                     | 4.7 W     |
|---------------------------------|-----------|
| Lamp Current (Nom)              | 38 mA     |
| Wattage Equivalent              | 50 W      |
| Starting Time (Nom)             | 0.5 s     |
| Warm Up Time to 60% Light (Nom) | 0.5 s     |
| Power Factor (Nom)              | 0.41      |
| Voltage (Nom)                   | 220-240 V |
|                                 |           |
| Temperature                     |           |
| T-Case Maximum (Nom)            | 75 °C     |
|                                 |           |
| Controls and dimming            |           |
| Dimmable                        | No        |
|                                 |           |
| Mechanical and housing          |           |
| Bulb Shape                      | GU10      |
|                                 |           |
| Approval and application        |           |
| Suitable For Accent Lighting    | No        |
| Energy Consumption kWh/1000 h   | 5 kWh     |
|                                 |           |

# **Essential LEDspot GU10**

| Product data                  |                                      |
|-------------------------------|--------------------------------------|
| Full product code             | 871869671774500                      |
| Order product name            | EcoBright LED GU10 50W 827 36D 2BC/5 |
| EAN/UPC - Product             | 8718696717752                        |
| Order code                    | 929001250437                         |
| Numerator - Quantity Per Pack | 1                                    |

| Numerator - Packs per outer box | 5            |
|---------------------------------|--------------|
| Material Nr. (12NC)             | 929001250437 |
| Net Weight (Piece)              | 0.052 kg     |

### Dimensional drawing



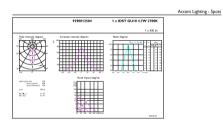
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 EcoBright LED GU10 50W 827 36D 2BC/5
 50 mm
 54 mm

EcoBright LED GU10 50W 827 36D 2BC/5

#### Photometric data

CalcuLuX Photometrics 4.5



180° 120° 120° 90° 90° 200 60 60° ŧòo 6ÓC 800γ.... 30 30° 1000-(cd) 0°

LEDspot ESS 50W GU10 PAR16 840 36D ND

100 80 40 20 0 200 300 400 500 600 700 800 λ[nm] LEDspot ESS 50W GU10 PAR16 827 36D ND

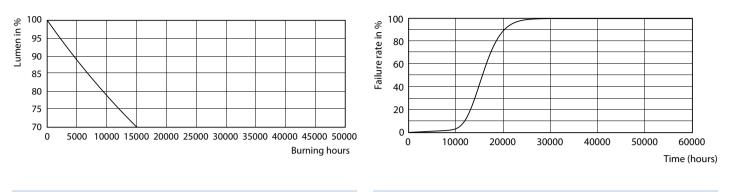
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LEDspot ESS 50W GU10 PAR16 827 36D ND

Philips Lighting B.V

## **Essential LEDspot GU10**

#### Lifetime



LEDspot ESS 50W GU10 PAR16 840 36D ND

LEDspot ESS 50W GU10 PAR16 840 36D ND



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