



# Essential LEDspot GU10

## LEDspot GU10 50W 827 36D 220-240V PF

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]        |
| Nominal lifetime                      | 15,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LED                |
| EU RoHS compliant                     | Yes                |
| Light Technical                       |                    |
| Color Code                            | 827 [CCT of 2700K] |
| Beam Angle (Nom)                      | 36 degree(s)       |
| Luminous Flux                         | 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 (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Operating and Electrical              |                    |
| Line Frequency                        | 50 to 60 Hz        |

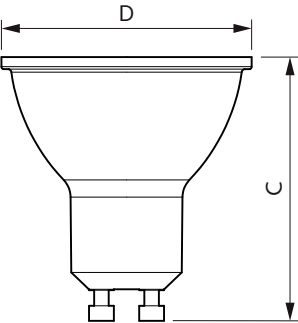
| Input Frequency              | 50 to 60 Hz             |
|------------------------------|-------------------------|
| Power Consumption            | 4.7 W                   |
| Lamp Current (Nom)           | 38 mA                   |
| Wattage Equivalent           | 50 W                    |
| Starting Time (Nom)          | 0.5 s                   |
| Warm-up time to 60% light    | 0.5 s                   |
| Power Factor (Fraction)      | 0.41                    |
| Voltage (Nom)                | 220-240 V               |
| Temperature                  |                         |
| T-Case Maximum (Nom)         | 75 °C                   |
| Controls and Dimming         |                         |
| Dimmable                     | No                      |
| Mechanical and Housing       |                         |
| Bulb Shape                   | PAR16 [PAR 2 inch/50mm] |
| Approval and Application     |                         |
| Suitable For Accent Lighting | No                      |

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|                               |                                      |
|-------------------------------|--------------------------------------|
| Energy Consumption kWh/1000 h | - kWh                                |
| Product Data                  |                                      |
| Order product name            | LEDspot GU10 50W 827 36D 220-240V PF |
| Full product name             | LEDspot GU10 50W 827 36D 220-240V PF |
| Full product code             | 871869960348900                      |
| Order code                    | 929001250471                         |

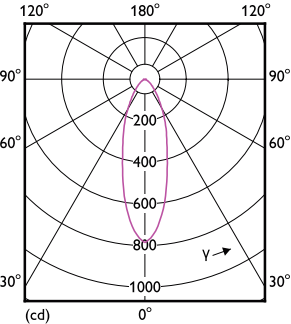
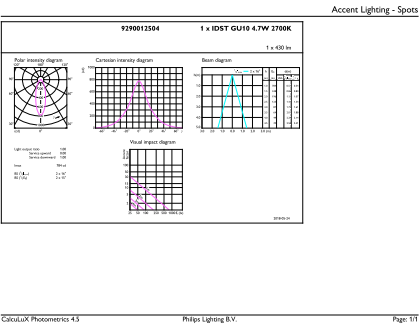
|                                 |               |
|---------------------------------|---------------|
| Material Nr. (12NC)             | 929001250471  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8718699603489 |
| Numerator - Packs per outer box | 10            |
| EAN/UPC - Case                  | 8718699603496 |

Dimensional drawing



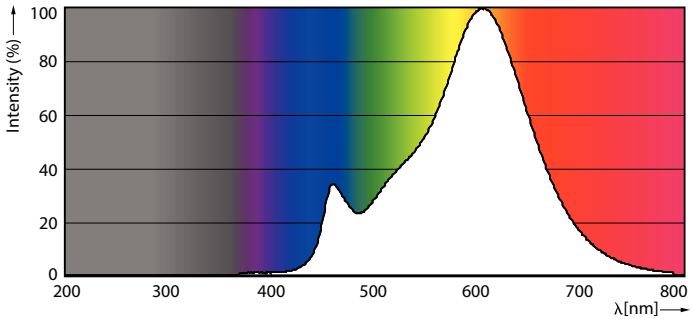
| Product                              | D     | C     |
|--------------------------------------|-------|-------|
| LEDspot GU10 50W 827 36D 220-240V PF | 50 mm | 54 mm |

Photometric data



Accent Lighting Spots - LEDspot GU10 50W 827 36D 220-240V PF

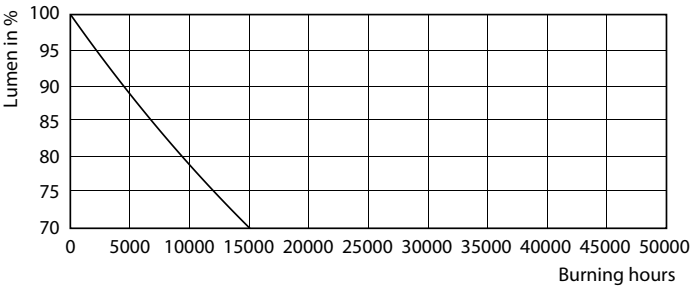
Light Distribution Diagram - LEDspot GU10 50W 827 36D 220-240V PF



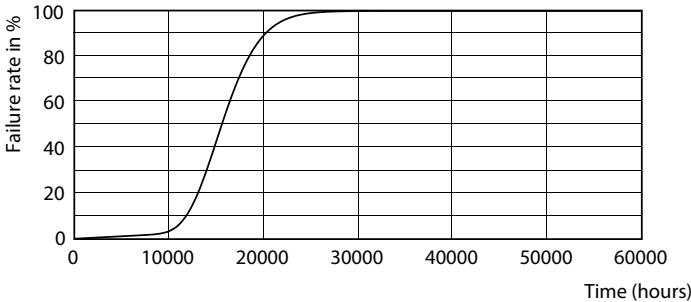
Spectral Power Distribution Colour - LEDspot GU10 50W 827 36D 220-240V PF

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Lifetime



Lumen Maintenance Diagram - LEDspot GU10 50W 827 36D 220-240V PF



Life Expectancy Diagram - LEDspot GU10 50W 827 36D 220-240V PF

