



# Essential LEDspot GU10

## ESS LEDspots 50W GU10 827 36D ND TR

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
Nominal lifetime	15,000 hour(s)
Switching Cycle	15,000
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

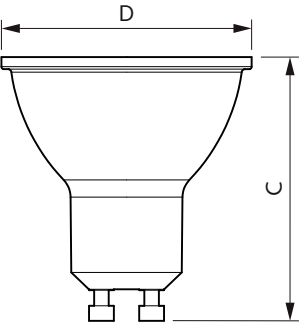
Input Frequency	50 to 60 Hz
Power Consumption	4.7 W
Lamp Current (Nom)	38 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.41
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 40 °C
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	PAR16
Approval and Application	
Suitable For Accent Lighting	No

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Energy Consumption kWh/1000 h	5 kWh
Product Data	
Order product name	ESS LEDspots 50W GU10 827 36D ND TR
Full product name	ESS LEDspots 50W GU10 827 36D ND TR
Full product code	871869677259100
Order code	929001250487

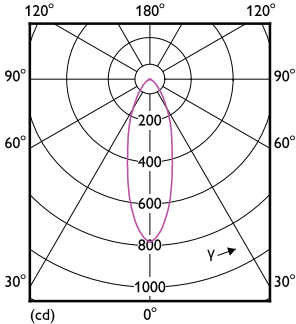
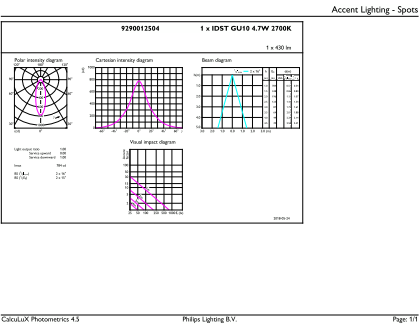
Material Nr. (12NC)	929001250487
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696772591
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696772607

Dimensional drawing



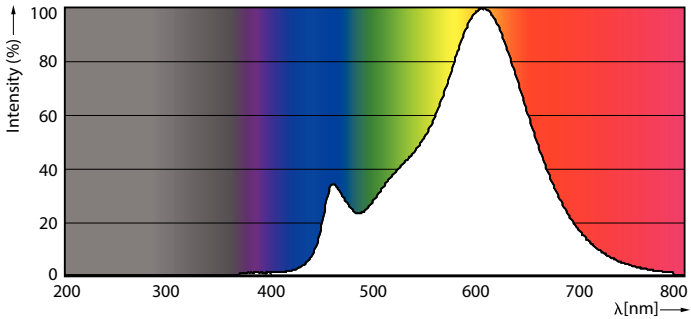
Product	D	C
ESS LEDspots 50W GU10 827 36D ND TR	50 mm	54 mm

Photometric data



Accent Lighting Spots - ESS LEDspots 50W GU10 827 36D ND TR

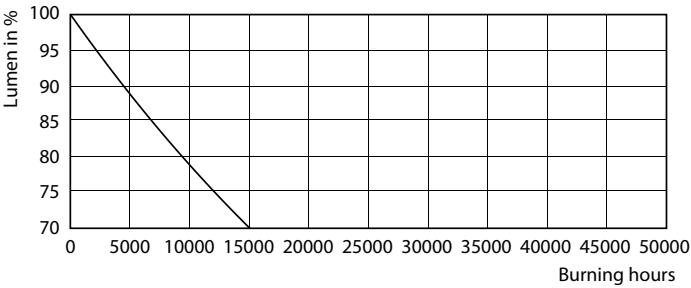
Light Distribution Diagram - ESS LEDspots 50W GU10 827 36D ND TR



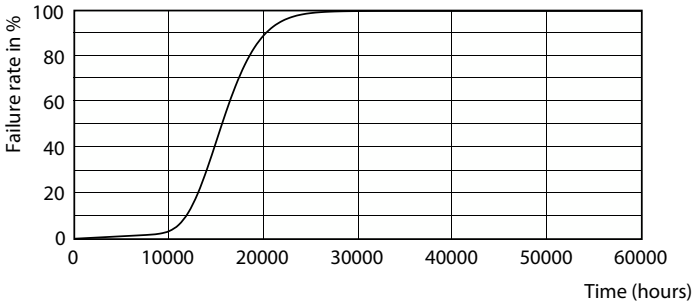
Spectral Power Distribution Colour - ESS LEDspots 50W GU10 827 36D ND TR

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Lifetime



Lumen Maintenance Diagram - ESS LEDspots 50W GU10 827 36D ND TR



Life Expectancy Diagram - ESS LEDspots 50W GU10 827 36D ND TR

