



Essential LEDspot GU10



ESS LEDspots 50W GU10 840 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
Flux measurement reference	Narrow Cone
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	36 degree(s)
Luminous Flux	430 lm
Luminous Intensity (Nom)	750 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	91.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

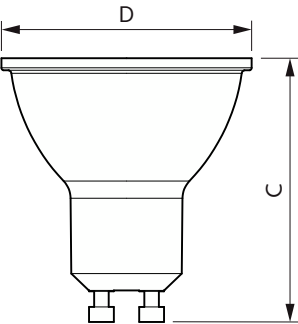
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4.7 W
Lamp Current (Nom)	38 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.41
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range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

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Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	5 kWh
EPREL Registration Number	713686
Product Data	
Order product name	ESS LEDspots 50W GU10 840 36D ND TR
Full product name	ESS LEDspots 50W GU10 840 36D ND TR

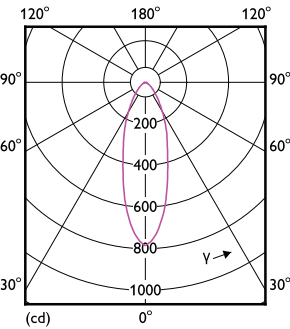
Full product code	871869677257700
Order code	929001247087
Material Nr. (12NC)	929001247087
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696772577
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696772584

Dimensional drawing

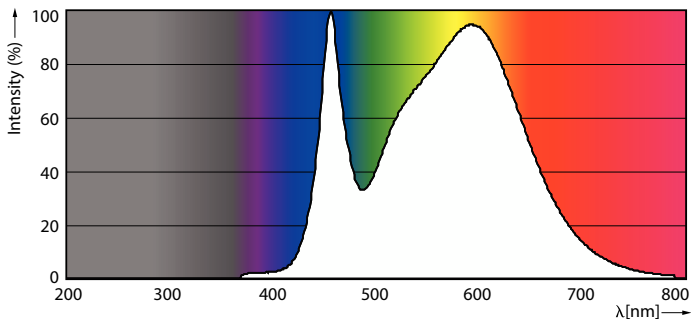


Product	D	C
ESS LEDspots 50W GU10 840 36D ND TR	50 mm	54 mm

Photometric data

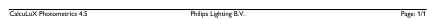


Light Distribution Diagram - ESS LEDspots 50W GU10 840 36D ND TR

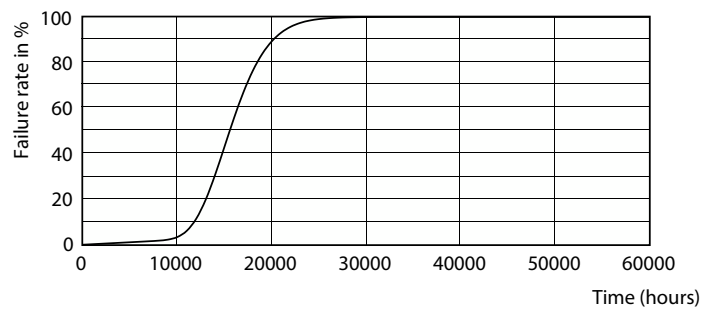


Spectral Power Distribution Colour - ESS LEDspots 50W GU10 840 36D ND TR

Photometric data



Lifetime



Life Expectancy Diagram - ESS LEDspots 50W GU10 840 36D ND TR

