



Features

- Energy saving replacement for halogen ES111 GU10 lamps
- High lumen output - 1000lm
- Compact design, same diameter as the halogen lamp
- Stippled lens to help reduce glare and recreate the halogen light effect
- 25° beam angle
- High lumen intensity – 4500 cd
- 90% energy saving – A+ EEL rating
- 11.5 W equivalent to 122W
- Dimmable
- 25,000 H average rated life, last 12.5 times longer than halogen alternatives
- 0.90 power factor
- > 50,000X switching cycle
- High lumen efficacy –87 lm/W
- CRI 80

Product Overview

Product name	RefLED ES111 1000LM DIM 830 25°SL
Technology	LED
Watt (Rated) (W)	11.5
Cap/Base	GU10
Fixture rating	Open
E-number FI	4740563
E-number SE	8292815
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	6
Wattage (W)	11.5
Product EAN number	5410288276366
Warranty	3 years
Colour Code	830

Data table

GENERAL DATA

Product name	RefLED ES111 1000LM DIM 830 25°SL
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RefLED ES111 1000LM DIM 830 25°SL 0027636

Technology	LED
Watt (Rated) (W)	11.5
Cap/Base	GU10
Fixture rating	Open
Performance ambient temperature Tq (°C)	25
E-number FI	4740563
E-number SE	8292815
Warranty	3 years

OPTICAL DATA

Colour temperature (K)	3000
Colour Code	830
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	6
Adjustable chromaticity	N
Luminous Intensity (cd)	4500

ELECTRICAL DATA

Wattage (W)	11.5
Starting time (max) (s)	0.5
Current (A)	55
Lamp power factor	0.9
Control gear required	No
Nominal Frequency (Hz)	50/60Hz

LIFETIME DATA

Average life (Rated) (h)	25000
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PHYSICAL DATA

Nominal Product Length (mm)	65
Nominal Product Diameter (mm)	111

RefLED ES111 1000LM DIM 830 25°SL
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Weight (kg)	0.155
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PACKAGING

Single packaging type	Carton
Product EAN number	5410288276366
Packaging single width (cm)	11.5
Packaging single depth (cm)	7.8
DUN14 (inner)	25410288276360
Units per inner package	6
Packaging inner length / height (cm)	36.5
Packaging inner width (cm)	12.5
Packaging inner depth (cm)	17.0
DUN14 (outer)	15410288276363
Packaging outer length / height (cm)	38.3

SAFETY DATA

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No
Safety message	Not Suitable for totally enclosed fixtures