

# RefLED ES111 1000LM DIM 830 25°SL

Item No: 0027636

**SYLVANIA**



- 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

## Technical Assets

### Photometrics

#### General data

Product name	RefLED ES111 1000LM DIM 830 25°SL
Technology	LED
Watt (Rated) (W)	11.5
Lamp shape	Reflector
Cap/Base	GU10
Fixture rating	Open
General application	Hospitality, Retail, Residential & Consumer, Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740563
E-number SE	8292815
Warranty	3 years

#### Optical data

Useful luminous flux ( $\Phi_{use}$ )	1000
Correlated colour temperature (k)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Luminous Intensity (cd)	4500
Beam Angle (°)	25

# RefLED ES111 1000LM DIM 830 25°SL

Item No: 0027636

**SYLVANIA**

## Electrical data

Power consumption (W)	11.5
Wattage (W)	11.5
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	2
Current (A)	55
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
No. Of switching cycles before premature failures	>50000
Dimmable	Yes
Nominal Frequency (Hz)	50/60Hz

## Lifetime data

Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

## Physical data

Nominal Product Length (mm)	65
Nominal Product Diameter (mm)	111
Weight (kg)	0.155

## Packaging

Product EAN number	5410288276366
Packaging single length / height (cm)	11.5
Packaging single width (cm)	11.5
Packaging single depth (cm)	7.8
DUN14 (inner)	15410288276363
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)	25410288276360
Units per outer package	24
Packaging outer length / height (cm)	38.3
Packaging outer width (cm)	27.0
Packaging outer depth (cm)	36.5

## Safety data

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