

RefLED ES111 DIM

RefLED ES111 1000LM DIM 830 25°SL

0027636



Product 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 code	0027636
Product name	RefLED ES111 1000LM DIM 830 25°SL
Technology	LED
Watt (Rated) (W)	11.5
Lamp shape	ES111
Type	RefLED ES111
Cap/Base	GU10
Fixture rating	Open
General application	Hospitality, Retail, Residential & Consumer, Museums & Galleries,
Certifications	EUTIE111
ETIM Class	EC001959
E-number Finland	4740563
E-number Sweden	8292815
Colour temperature (K)	3000
Light colour	3000 Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Colour Consistency (SDCM)	6
Beam Angle (°)	25
Wattage (W)	11.5
Product Voltage (V)	230
Average life (Nominal) (h)	25000
Product EAN number	5410288276366

DATA TABLE

General data

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Technology	LED
Watt (Rated) (W)	11.5
Lamp shape	ES111
Type	RefLED ES111
Cap/Base	GU10
Fixture rating	Open
General application	Hospitality, Retail, Residential & Consumer, Museums & Galleries,
Operating Temperature Range (°C)	25
Certifications	EUTIE111
ETIM Class	EC001959
E-number Finland	4740563
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Optical data

Colour temperature (K)	3000
Light colour	3000 Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Beam Angle (°)	25
Beam angle (Rated) (°)	25

Electrical data

Wattage (W)	11.5
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	2
Current (A)	55
Mains voltage (V)	220-240V~
Product Voltage (V)	230
Lamp power factor	0.9
No. Of switching cycles before premature failures	50000
Transformer required	Yes
Lamp Energy Label (class)	A+
kWh per 1000 hours burning time	12
Nominal Frequency (Hz)	50/60Hz

Lifetime data

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

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Physical data

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

Packaging

Single packaging type	Carton
Product EAN number	5410288276366
Packaging single length (cm)	7.8
Packaging single width (cm)	11.5
Packaging single height (cm)	11.5
DUN14 (inner)	25410288276360
Units per inner package	6
Packaging inner length (cm)	17.0
Packaging inner width (cm)	12.5
Packaging inner height (cm)	36.5
DUN14 (outer)	15410288276363
Units per outer package	24
Packaging outer length (cm)	38.3
Packaging outer width (cm)	27.0
Packaging outer height (cm)	36.5

Safety data

Breakage cleaning instructions	0
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes

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