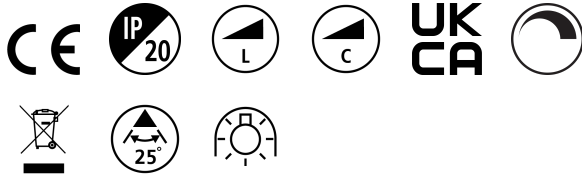


RefLED Retro ES111 V3 1150LM DIM 830 25SL

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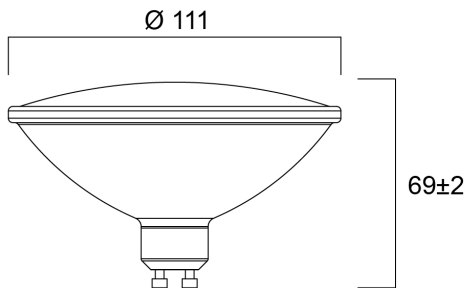
SYLVANIA



High performance LED ES111 lamp with the same look and feel of traditional Halogen ES111 lamp
Full glass design - means no colours clashing between lamp and fixture
High lumen output - 1150lm
Stippled lens to help reduce glare and recreate the halogen light effect
25° beam angle
96% energy saving
Dimmable
25,000 H average rated life, last 12.5 times longer than halogen alternatives
> 100,000X switching cycle
High lumen efficacy – 89 lm/W
Good colour rendering - CRI 80

Technical Assets

Dimensions (mm)



Photometrics

RefLED Retro ES111 V3 1150LM DIM 830 25SL

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SYLVANIA

General data

Product name	RefLED Retro ES111 V3 1150LM DIM 830 25SL
Technology	LED
Watt (Rated) (W)	12
Lamp shape	Reflector
Cap/Base	GU10
Lamp finish	Clear
Built in presence detector	NONE
Fixture rating	Open
General application	Hospitality, Museums & Galleries, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001959
E-number FI	4741297
Warranty	3 years

Optical data

Useful luminous flux (Φuse)	1150
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	3200
Beam Angle (°)	25
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Power consumption (W)	12
Wattage (W)	12
Equivalent watt (W)	140
Supply current (A)	0.054
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Inrush Current (A)	2.3
Inrush Duration (µs)	110
Lamp Energy Label (class)	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	182
Max. products per 16A B Breaker	182

Lifetime data

Lifespan L70 B50	25000
Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

Physical data

Housing colour	Silver
IP rating	IP20
Nominal Product Height (mm)	69
Nominal Product Diameter (mm)	110
Weight (kg)	0.22

RefLED Retro ES111 V3 1150LM DIM 830 25SL

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Packaging

Product EAN number	5410288318585
Packaging single length / height (cm)	11.5
Packaging single width (cm)	11.5
Packaging single depth (cm)	9.0
DUN14 (inner)	15410288318582
Units per outer package	6
Packaging outer length / height (cm)	36.3
Packaging outer width (cm)	24.5
Packaging outer depth (cm)	11.5

Safety data

Optimal operating condition (°C)	-20-40
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