

# RefLED Retro ES111 V2 1150LM DIM 830 25SL

Item No: 0029192

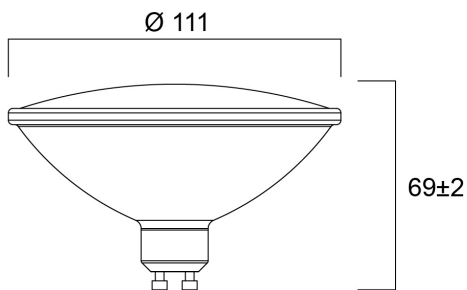
**SYLVANIA**



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  
87% 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

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## General data

Product name	RefLED Retro ES111 V2 1150LM DIM 830 25SL
Technology	LED
Watt (Rated) (W)	13
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
ETIM Class	EC001959
E-number FI	4741074
Warranty	3 years

## Optical data

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

## Electrical data

Power consumption (W)	13
Wattage (W)	13
Equivalent watt (W)	140
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Inrush Current (A)	2.3
Inrush Duration ( $\mu$ s)	110
Lamp Energy Label (class)	F
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

Nominal Product Height (mm)	69
Nominal Product Diameter (mm)	111
Weight (kg)	0.17

## Packaging

Product EAN number	5410288291925
Packaging single length / height (cm)	11.5
Packaging single width (cm)	11.5
Packaging single depth (cm)	8.2
DUN14 (inner)	15410288291922
Units per outer package	6
Packaging outer length / height (cm)	35.6
Packaging outer width (cm)	24.0
Packaging outer depth (cm)	9.3

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## 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