

# RefLED Superia Retro ES50 V3 550LM DIM 827 36 SL

Item No: 0029140

**SYLVANIA**



Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp  
Recreates backlight effect similar to halogen dichroic lamps Full glass design - means no colours clashing between lamp and fixture Very long lifetime of up to 25,000 hours COOLFIT functionality – ensures overheat and over temperature protection High switching cycles: >100,000 High colour rendering: CRI80 Dimmable with approved dimmers Warranty: 5 Years

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

Product name	RefLED Superia Retro ES50 V3 550LM DIM 827 36 SL
Technology	LED
Watt (Rated) (W)	6
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
Warranty	5 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	550
Correlated colour temperature (k)	2700
Light colour	Homelight
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	1000
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	6
Wattage (W)	6
Equivalent watt (W)	75
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)	0.51
Inrush Duration ( $\mu$ s)	22
Lamp Energy Label (class)	F
Max. products per 16A C Breaker	593
Max. products per 16A B Breaker	593

## Lifetime data

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

## Physical data

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.049

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## Packaging

Product EAN number	5410288291406
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
DUN14 (inner)	15410288291403
Units per inner package	6
Packaging inner length / height (cm)	19.4
Packaging inner width (cm)	11.3
Packaging inner depth (cm)	9.5
DUN14 (outer)	25410288291400
Units per outer package	60
Packaging outer length / height (cm)	58.8
Packaging outer width (cm)	21.8
Packaging outer depth (cm)	21.7

## Safety data

Optimal operating condition (°C)	-20-50
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Dimmable with approved dimmers