

# RefLED Sup RT ES50 V2 450 DIM 830 36d SL

Item No: 0028556

**SYLVANIA**



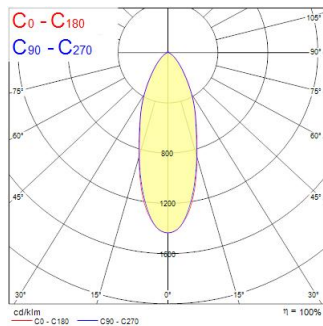
- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp
- Recreates backlight effect similar to halogen dichroic lamps
- Full glass design - means no colours clashing between lamp and fixture
- Very long lifetime of up to 25,000 hours
- COOLFIT functionality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

## Technical Assets

### Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.33 0.34	2100 E/C90 18.9° 1247 E/C90 18.9° 1207
1.0	0.67 0.68	787 E/C90 18.9° 397 E/C90 18.9° 354
1.5	1.00 1.02	350 E/C90 18.9° 190 E/C90 18.9° 158
2.0	1.34 1.36	197 E/C90 18.9° 94 E/C90 18.9° 84
2.5	1.67 1.70	126 E/C90 18.9° 64 E/C90 18.9° 58
3.0	2.01 2.04	87 E/C90 18.9° 47 E/C90 18.9° 43

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 37.0°)  
 — C90 - C270 (Half beam angle: 37.0°)



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## General data

Product name	RefLED Sup RT ES50 V2 450 DIM 830 36d SL
Technology	LED
Watt (Rated) (W)	5
Cap/Base	GU10
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740853
Warranty	5 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	450
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	800
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	5
Wattage (W)	5
Equivalent watt (W)	64
Starting time (max) (s)	<0.5
Warm-up time to 60% of full light (max) (s)	<1
Lamp power factor	0.7
No. Of switching cycles before premature failures	>100000
Inrush Current (A)	0.46
Nominal Frequency (Hz)	50Hz
Max. products per 10A C Breaker	87
Max. products per 16A C Breaker	140
Max. products per 20A C Breaker	175

## Lifetime data

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

## Physical data

Nominal Product Length (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.048

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## Packaging

Product EAN number	5410288285566
Packaging single length / height (cm)	5.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	6.7
DUN14 (inner)	15410288285563
Units per inner package	6
Packaging inner length / height (cm)	17.0
Packaging inner width (cm)	11.3
Packaging inner depth (cm)	8.0
DUN14 (outer)	25410288285560
Units per outer package	60
Packaging outer length / height (cm)	58.1
Packaging outer width (cm)	18.3
Packaging outer depth (cm)	18.6

## Safety data

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