

# RefLED Sup RT ES50 V2 580 DIM 840 36d SL

Item No: 0028566

**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

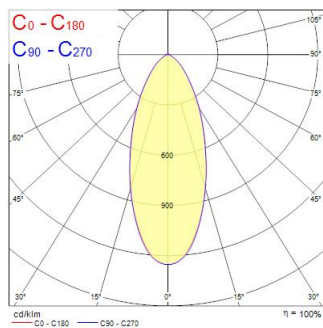
## Technical Assets

### Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.39	5073
	0.39	1459
	0.39	1454
1.0	0.77	396
	0.76	389
	0.76	384
1.5	1.16	266
	1.16	192
	1.16	192
2.0	1.54	224
	1.55	91
	1.55	91
2.5	1.93	143
	1.94	88
	1.94	88
3.0	2.32	99
	2.33	41
	2.33	41

Distance [m]    Cone diameter [m]    Illuminance [lx]

— C0 - C180 (Half beam angle: 42.4°)  
— C90 - C270 (Half beam angle: 42.2°)



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## General data

Product name	RefLED Sup RT ES50 V2 580 DIM 840 36d SL
Technology	LED
Watt (Rated) (W)	6
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	4740858
Warranty	5 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	580
Correlated colour temperature (k)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	1080
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	6
Wattage (W)	6
Starting time (max) (s)	<0.5
Warm-up time to 60% of full light (max) (s)	<1
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.7
No. Of switching cycles before premature failures	>100000
Inrush Current (A)	0.51
Nominal Frequency (Hz)	50Hz
Max. products per 10A C Breaker	78
Max. products per 16A C Breaker	125
Max. products per 20A C Breaker	157

## 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)	0.055

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## Packaging

Product EAN number	5410288285665
Packaging single length / height (cm)	6.7
Packaging single width (cm)	5.1
Packaging single depth (cm)	5.1
DUN14 (inner)	15410288285662
Units per inner package	6
Packaging inner length / height (cm)	7.5
Packaging inner width (cm)	16.5
Packaging inner depth (cm)	11.0
DUN14 (outer)	25410288285669
Units per outer package	60
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	58.0
Packaging outer depth (cm)	17.8

## 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