

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

Item No: 0028566

**SYLVANIA**



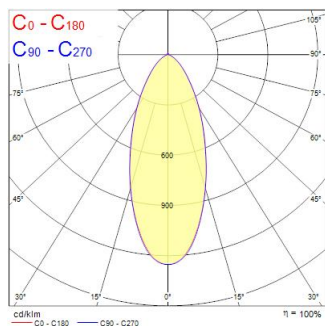
- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp
- Recreates backlight effect similar to halogen dichroic lamps
- Full glass design - means no colours clashing between lamp and fixture
- Very long lifetime of up to 25,000 hours
- COOLFIT functionality – 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]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.39 0.39	50°	21.1"	3573
		50°	21.1"	1459
		50°	21.2"	1454
1.0	0.77 0.76	50°	21.1"	896
		50°	21.1"	369
		50°	21.2"	364
1.5	1.16 1.16	50°	21.1"	396
		50°	21.1"	162
		50°	21.2"	162
2.0	1.54 1.55	50°	21.1"	224
		50°	21.1"	91
		50°	21.2"	91
2.5	1.93 1.94	50°	21.1"	143
		50°	21.1"	58
		50°	21.2"	58
3.0	2.32 2.33	50°	21.1"	99
		50°	21.1"	41
		50°	21.2"	41

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 42.4°)  
 — C90 - C270 (Half beam angle: 42.2°)



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

Item No: 0028566

**SYLVANIA**

## 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

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

Item No: 0028566

**SYLVANIA**

## 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