

RefLED Sup RT ES50 V2 450 DIM 830 36d SL

Item No: 0028556

SYLVANIA



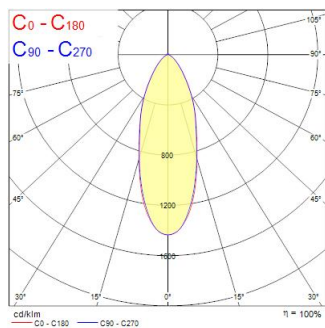
- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp
- Recreates backlight effect similar to halogen dichroic lamps
- Full glass design - means no colours clashing between lamp and fixture
- Very long lifetime of up to 25,000 hours
- COOLFIT functionality – 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 (Φ_{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