

REFLED SUPERIA RETRO ES50 580LM 840 36° SL

Item No: 0029960

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
- Non dimmable
- Warranty: 5 Years

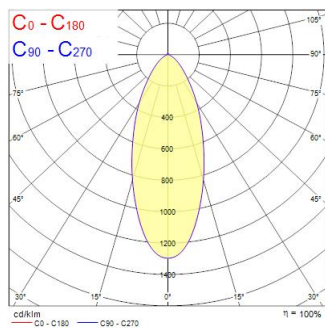
Technical Assets

Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.38 0.38	507 E/C90 20.8° 180 E/C90 20.7° 167
1.0	0.75 0.76	121 E/C90 20.8° 40 E/C90 20.7° 34
1.5	1.13 1.13	49 E/C90 20.8° 17 E/C90 20.7° 15
2.0	1.50 1.51	23 E/C90 20.8° 10 E/C90 20.7° 8
2.5	1.88 1.88	13 E/C90 20.8° 6 E/C90 20.7° 5
3.0	2.26 2.27	7 E/C90 20.8° 4 E/C90 20.7° 3

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

— C0 - C180 (Half beam angle: 41.4°)
— C90 - C270 (Half beam angle: 41.2°)



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General data

Product name	REFLED SUPERIA RETRO ES50 580LM 840 36° 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	4740692
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	620
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
Lamp power factor	0.55
No. Of switching cycles before premature failures	>100000
Dimmable	No
Inrush Current (A)	5.12
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	8
Max. products per 16A C Breaker	14
Max. products per 20A C Breaker	17

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)	0.056

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Packaging

Product EAN number	5410288299600
Packaging single length / height (cm)	5.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	6.7
DUN14 (inner)	15410288299607
Units per inner package	6
Packaging inner length / height (cm)	11.0
Packaging inner width (cm)	16.4
Packaging inner depth (cm)	9.1
DUN14 (outer)	25410288299604
Units per outer package	60
Packaging outer length / height (cm)	58.6
Packaging outer width (cm)	18.6
Packaging outer depth (cm)	20.2

Safety data

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	None