

RefLED Retro ES50 V2 345Lm DIM 827 36° S

Item No: 0027681

SYLVANIA



90% energy saving compared to halogen GU10 lamp, Same shape and size as halogen lamps, Glass construction offering classic look with latest efficient LED technology, Glass housing means no colour clash with luminaire and ideal for exposed spot lighting, Colour temperature - 2700K, Available in 36 degree beam angle, Lumen output - 345lm, High lumen efficacy - 69lm/W, A+ Energy class, 15,000 hours average rated life, Dimmable, 3 years warranty.

Technical Assets

Photometrics

General data

Product name	RefLED Retro ES50 V2 345Lm DIM 827 36° S
Technology	LED
Watt (Rated) (W)	5
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740551
Warranty	3 years

Optical data

Useful luminous flux (Φ_{use})	345
Luminous flux (lm)	345
Correlated colour temperature (k)	2700
Light colour	Homelight
Colour Code	827
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	650
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

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Electrical data

Power consumption (W)	5
Wattage (W)	5
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
Nominal Frequency (Hz)	50Hz

Lifetime data

Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

Physical data

Nominal Product Length (mm)	55
Nominal Product Diameter (mm)	50
Weight (kg)	0.05

Packaging

Product EAN number	5410288276816
Packaging single length / height (cm)	6.0
Packaging single width (cm)	5.1
Packaging single depth (cm)	5.1
DUN14 (inner)	15410288276813
Units per inner package	6
Packaging inner length / height (cm)	16.4
Packaging inner width (cm)	11.0
Packaging inner depth (cm)	7.7
DUN14 (outer)	25410288276810
Units per outer package	60
Packaging outer length / height (cm)	58.0
Packaging outer width (cm)	17.8
Packaging outer depth (cm)	18.0

Safety data

Optimal operating condition (°C)	-10-45
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Not Suitable for totally enclosed fixtures