

# RefLED ES50 XL V4 345LM 830 36 SL

Item No: 0028585

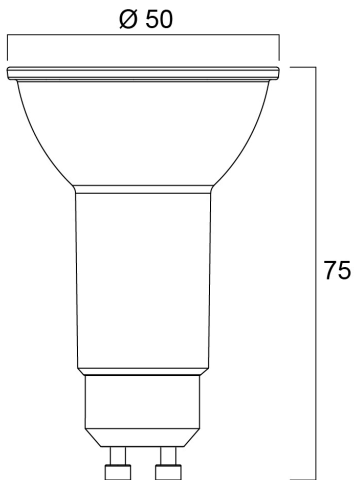
**SYLVANIA**



Perfect for consumers and contractors looking for LED solutions to replace halogenGU10 in the most efficient and economical way, while maintaining a similar visual appearance and brightness. Available in non-dimmable versions in popular Homelight (2700K) colour temperature and is backed by a 3-year warranty for complete peace of mind.

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

Product name	RefLED ES50 XL V4 345LM 830 36 SL
Technology	LED
Watt (Rated) (W)	4.2
Cap/Base	GU10
Fixture rating	Open
General application	Hospitality, Museums & Galleries, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
Warranty	3 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	345
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	770
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	4.2
Wattage (W)	4.2
Equivalent watt (W)	50
Starting time (max) (s)	< 0.5
Warm-up time to 60% of full light (max) (s)	< 1.0
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	1
Control gear required	No
No. Of switching cycles before premature failures	>50000
Dimmable	No
Inrush Current (A)	3.9
Inrush Duration ( $\mu$ s)	4100
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	14
Max. products per 16A C Breaker	288
Max. products per 20A C Breaker	28
Max. products per 16A B Breaker	173

## Lifetime data

Lifespan L70 B50	15000
Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

## Physical data

Nominal Product Length (mm)	75
Nominal Product Diameter (mm)	50
Weight (kg)	0.023

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## Packaging

Product EAN number	5410288285856
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	9.0
DUN14 (inner)	15410288285853
Units per outer package	6
Packaging outer length / height (cm)	19.5
Packaging outer width (cm)	11.3
Packaging outer depth (cm)	10.5

## Safety data

Optimal operating condition (°C)	-20-40
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