

RefLED ES50 XL
RefLED ES50 XL V4 345LM 830 36 SL
0028585



- Product features**
- Perfect for consumers and contractors looking for LED solutions to replace halogen GU10 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.



PRODUCT OVERVIEW

Product name	RefLED ES50 XL V4 345LM 830 36 SL
Technology	LED
Watt (Rated) (W)	4.2
Type	LED exchangeable
Cap/Base	GU10
Fixture rating	Open
General application	Hospitality, Museums & Galleries, Residential & Consumer, Retail
ETIM Class	EC001959
Warranty	3 years
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Photobiological Risk Group	RG1
Wattage (W)	4.2
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288285856

DATA TABLE

General data	
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Technology	LED

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Watt (Rated) (W)	4.2
Type	LED exchangeable
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

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	770
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

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
Product Voltage (V)	230
Lamp power factor	1
Control gear required	No
No. Of switching cycles before premature failures	>50000
Transformer required	No
Dimmable	No
Inrush Current (A)	3.9
Inrush Duration (µs)	4100
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	14
Max. Luminaires per 16A C Breaker	288
Max. Luminaires per 20A C Breaker	28
Max. Luminaires per 16A B Breaker	173

Lifetime data

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

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Physical data

Nominal Product Length (mm)	75
Nominal Product Diameter (mm)	50
Weight (kg)	0.035

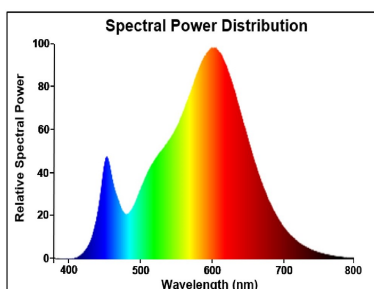
Packaging

Single packaging type	Carton
Product EAN number	5410288285856
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
Units per inner package	6
Packaging inner length / height (cm)	9.2
Packaging inner width (cm)	16.4
Packaging inner depth (cm)	13.1
DUN14 (outer)	15410288285853
Units per outer package	60
Packaging outer length / height (cm)	20.8
Packaging outer width (cm)	17.8
Packaging outer depth (cm)	68.5

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

PHOTOMETRY



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**ENERG**

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kWh/1000h



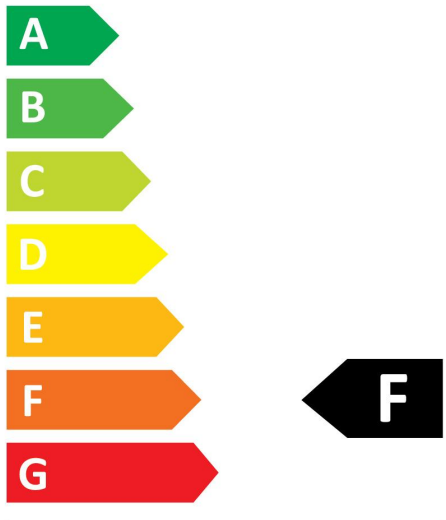
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