

RefLED ES50

RefLED ES50 V6 230LM 830 36 SL3

0029156



Product features

- Compact, energy efficient and exceptional value LED GU10 lamp
- Same shape and size as halogen GU10 lamp
- Compact Cluster SMD technology enabling high efficiency with halogen look
- Reduced visible heat sink from the front
- Available in 36 degree beam angle
- High lumen efficacy
- 15,000 hours average rated life
- 3 years warranty



PRODUCT OVERVIEW

Product name	RefLED ES50 V6 230LM 830 36 SL3
Technology	LED
Watt (Rated) (W)	3.1
Type	LED exchangeable
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
Warranty	3 years
Colour temperature (K)	3000
Light colour	Warm White
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Photobiological Risk Group	RG1
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288291567

DATA TABLE

General data

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Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	3 years

Optical data

Colour temperature (K)	3000
Light colour	Warm White
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	460
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Equivalent watt (W)	35
Product Voltage (V)	230
Control gear required	No
Transformer required	No
Dimmable	No
Inrush Current (A)	2.5
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires 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 Diameter (mm)	50
Weight (kg)	0.1

Packaging

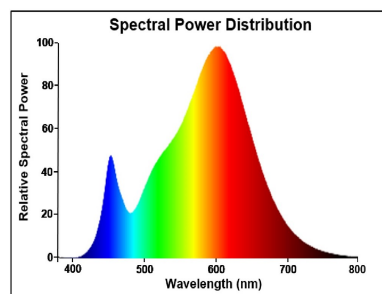
Single packaging type	Carton
Product EAN number	5410288291567
Packaging single length / height (cm)	8.2
Packaging single width (cm)	12.1
Packaging single depth (cm)	5.1
DUN14 (inner)	25410288291561
Units per inner package	6
Packaging inner length / height (cm)	9.2
Packaging inner width (cm)	12.8
Units per outer package	60
Packaging outer width (cm)	67.0
Packaging outer depth (cm)	33.7

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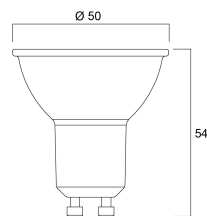
Safety data

Optimal operating condition (°C)	-20-40
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Safety message	Not Suitable for totally enclosed fixtures

PHOTOMETRY



TECHNICAL DRAWINGS



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**ENERG**

SYLVANIA

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4

kWh/1000h



2019/2015

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**ENERG**
SYLVANIA
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4
kWh/1000h

