

RefLED ES50
RefLED ES50 V6 600LM 840 110 SL
0029189



- 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 110 degree beam angle
 - High lumen efficacy
 - 15,000 hours average rated life
 - 3 years warranty



PRODUCT OVERVIEW

Product name	RefLED ES50 V6 600LM 840 110 SL
Technology	LED
Watt (Rated) (W)	7
Type	LED exchangeable
Cap/Base	GU10
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
E-number FI	4741073
Warranty	3 years
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	110
Photobiological Risk Group	RG1
Wattage (W)	7
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288291895

DATA TABLE

General data	
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Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4741073
Warranty	3 years

Optical data

Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	320
Beam Angle (°)	110
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	7
Equivalent watt (W)	80
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Control gear required	No
No. Of switching cycles before premature failures	>50000
Dimmable	No
Inrush Current (A)	6.0
Inrush Duration (µs)	244
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	147
Max. products per 16A B Breaker	88

Lifetime data

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

Physical data

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.035

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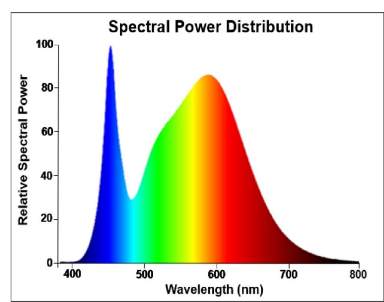
Packaging

Single packaging type	Carton
Product EAN number	5410288291895
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
DUN14 (inner)	25410288291899
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)	15410288291892
Units per outer package	60
Packaging outer length / height (cm)	20.8
Packaging outer width (cm)	17.8
Packaging outer depth (cm)	68.5

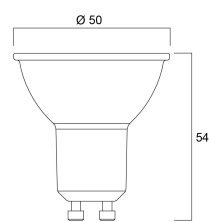
Safety data

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



TECHNICAL DRAWINGS

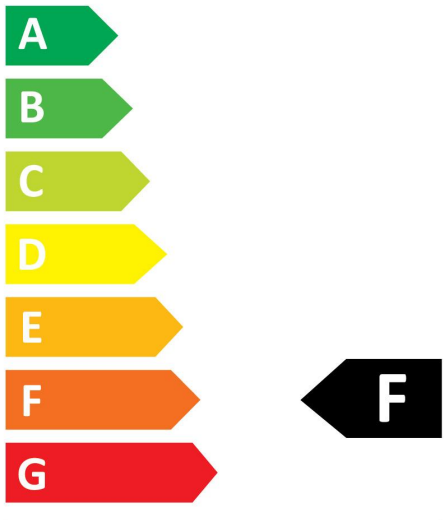


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**ENERG**

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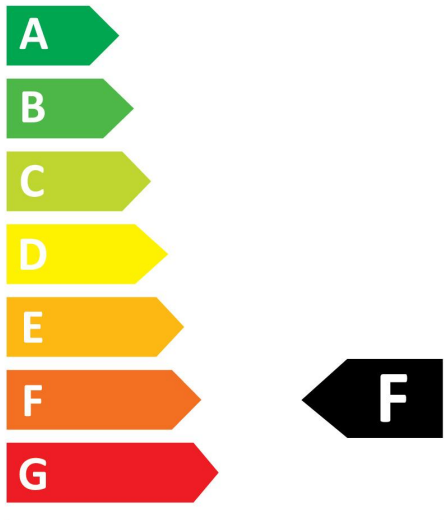
7
kWh/1000h



2019/2015

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kWh/1000h



2019/2015