

## RefLED Superia Retro ES50

REFLED SUPERIA RETRO ES50 450LM 830 36° SL

0029955



### Product features

- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp
- Recreates backlight effect similar to halogen dichroic lamps
- Full glass design - means no colours clashing between lamp and fixture
- Very long lifetime of up to 25,000 hours
- COOLFIT functionality - ensures overheat and over temperature protection
- High switching cycles: >100,000
- High colour rendering: CRI80
- Non dimmable
- Warranty: 5 Years



## PRODUCT OVERVIEW

Product name	REFLED SUPERIA RETRO ES50 450LM 830 36° SL
Technology	LED
Watt (Rated) (W)	5
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4740688
Warranty	5 years
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Wattage (W)	5
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	25000
Product EAN number	5410288299556

## DATA TABLE

### General data

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
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Warranty	5 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)	800
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Wattage (W)	5
Equivalent watt (W)	64
Starting time (max) (s)	<0.5
Warm-up time to 60% of full light (max) (s)	<1
Product Voltage (V)	230
Lamp power factor	0.55
No. Of switching cycles before premature failures	>100000
Dimmable	No
Inrush Current (A)	4.28
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	10
Max. Luminaires per 16A C Breaker	16
Max. Luminaires per 20A C Breaker	20

### Lifetime data

Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

### Physical data

Nominal Product Length (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.048

### Packaging

Single packaging type	Carton
Product EAN number	5410288299556
Packaging single length / height (cm)	5.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	6.7
DUN14 (inner)	25410288299550

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Units per inner package	6
Packaging inner length / height (cm)	11.0
Packaging inner width (cm)	16.4
Packaging inner depth (cm)	8.1
DUN14 (outer)	15410288299553
Units per outer package	60
Packaging outer length / height (cm)	58.6
Packaging outer width (cm)	18.6
Packaging outer depth (cm)	18.7

### Safety data

Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	None

## PHOTOMETRY

