

## RefLED ES50

RefLED ES50 V5 345lm 830 36° SL

0027433



### Product features

- Compact, energy efficient and exceptional value for money product.
- 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
- High lumen efficacy
- 15,000 hours average rated life
- 3 years warranty



## PRODUCT OVERVIEW

IPC Code	0027433
Product name	RefLED ES50 V5 345lm 830 36° SL
Technology	LED
Watt (Rated) (W)	4.20
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries,
ETIM Class	EC001959
E-number FI	4740462
E-number SE	8292495
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)	4.20
Product Voltage (V)	230
Average life (Nominal) (h)	15000
Product EAN number	5410288274331

## DATA TABLE

### General data

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E-number SE	8292495

### Optical data

Rated Luminous Flux Useful (lm)	345
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Rated Luminous Intensity (cd)	770
Beam Angle (°)	36
Beam angle (Rated) (°)	36
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Wattage (W)	4.20
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	0.5
No. Of switching cycles before premature failures	50000
Inrush Current (A)	3.90
Lamp Energy Label (class)	A+
kWh per 1000 hours burning time	5
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	130
Max. Luminaires per 16A C Breaker	210
Max. Luminaires per 20A C Breaker	260

### Lifetime data

Performance ambient temperature Tq (°C)	25
Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

### Physical data

Nominal Product Length (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.03

### Packaging

Single packaging type	Carton
Product EAN number	5410288274331
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.2
Packaging single depth (cm)	5.2

## RefLED ES50

*RefLED ES50 V5 345lm 830 36° SL*

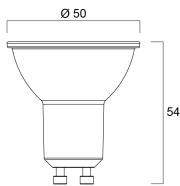
0027433

DUN14 (outer)	15410288274338
Units per inner package	6
Packaging inner length / height (cm)	16.7
Packaging inner width (cm)	11.6
Packaging inner depth (cm)	7.5
DUN14 (inner)	25410288274335
Units per outer package	60
Packaging outer length / height (cm)	59.8
Packaging outer width (cm)	18.7
Packaging outer depth (cm)	17.1

### Safety data

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

## TECHNICAL DRAWINGS



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