

## RefLED Retro ES50

RefLED Retro ES50 230Lm 840 36d SL

0026547



### Product features

- Over 90% energy saving compared to halogen GU10 lamp, Same shape and size as halogen lamps, Glass construction offering classic look with latest efficient LED technology, Glass housing means no colour clash with luminaire and ideal for exposed spot lighting, Colour temperature - 4000K , Available in 36 degree beam angle, Lumen output - 230lm, High lumen efficacy - 74lm/W, A++ Energy class, 15,000 hours average rated life, 3 years warranty



## PRODUCT OVERVIEW

Product name	RefLED Retro ES50 230Lm 840 36d SL
Technology	LED
Watt (Rated) (W)	4
Type	RefLED Retro ES50
Fixture rating	Open
General application	Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number FI	4740449
Warranty	3 years
Luminous flux (lm)	230
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Wattage (W)	4
Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288265476

## DATA TABLE

### General data

Product name	RefLED Retro ES50 230Lm 840 36d SL
Technology	LED
Watt (Rated) (W)	4
Type	RefLED Retro ES50
Fixture rating	Open
General application	Hospitality, Residential & Consumer
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959

## RefLED Retro ES50

RefLED Retro ES50 230Lm 840 36d SL

0026547

E-number FI	4740449
Warranty	3 years

### Optical data

Luminous flux (lm)	230
Rated Luminous Flux Useful (lm)	230
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Rated Luminous Intensity (cd)	450
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Wattage (W)	4
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	1
Product Voltage (V)	230
Lamp power factor	0.5
No. Of switching cycles before premature failures	>100000
Dimmable	No
kWh per 1000 hours burning time	4
Nominal Frequency (Hz)	50/60Hz

### Lifetime data

Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

### Physical data

Nominal Product Length (mm)	55
Nominal Product Diameter (mm)	50
Weight (kg)	0.06

### Packaging

Single packaging type	Carton
Product EAN number	5410288265476
Packaging single length / height (cm)	6.0
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (inner)	25410288265470
Units per inner package	6
Packaging inner length / height (cm)	16.0
Packaging inner width (cm)	13.0
Packaging inner depth (cm)	6.0

## RefLED Retro ES50

*RefLED Retro ES50 230Lm 840 36d SL*

0026547

DUN14 (outer)	15410288265473
Units per outer package	60
Packaging outer length / height (cm)	34.5
Packaging outer width (cm)	18.3
Packaging outer depth (cm)	28.5

### 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

## TECHNICAL DRAWINGS

