



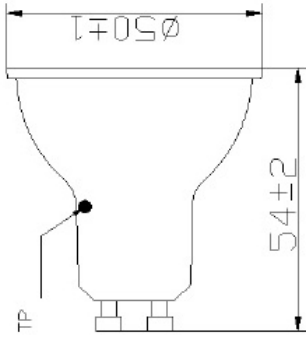
Features

- 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 - 3000K , 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 830 36d SL
Technology	LED
Watt (Rated) (W)	4
Fixture rating	Open
General application	Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number FI	4740448
E-number SE	8292468
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	6
Beam Angle (°)	27
Wattage (W)	4
Power consumption (W)	4
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288265469
Warranty	3 years
Colour Code	830

Technical drawings



Data table

GENERAL DATA

Product name	RefLED Retro ES50 230Lm 830 36d SL
Technology	LED
Watt (Rated) (W)	4
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
E-number FI	4740448
E-number SE	8292468
Warranty	3 years

OPTICAL DATA

Correlated colour temperature (k)	3000
Light colour	Warm White

RefLED Retro ES50 230Lm 830 36d SL 0026546

Colour Code	830
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	450
Beam Angle (°)	27
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	4
Wattage (W)	4
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	1
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.5
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	No
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

RefLED Retro ES50 230Lm 830 36d SL 0026546

Product EAN number	5410288265469
Packaging single length / height (cm)	6.0
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288265466
Units per inner package	6
Packaging inner length / height (cm)	16.0
Packaging inner width (cm)	13.0
Packaging inner depth (cm)	6.0
DUN14 (outer)	25410288265463
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