



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
- Dimmable with approved dimmers
- 15,000 hours average rated life
- 3 years warranty

Product Overview

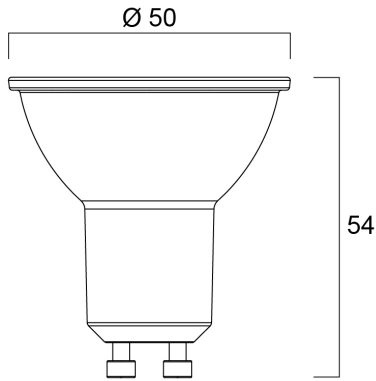
Product name	RefLED ES50 V5 345lm DIM 830 36° SL
Technology	LED
Watt (Rated) (W)	5
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4740466
E-number SE	8292497
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Wattage (W)	5
Power consumption (W)	5
Dimmable	Yes
Average life (Nominal) (h)	15000
Product EAN number	5410288274409
Warranty	3 years

RefLED ES50 V5 345lm DIM 830 36° SL 0027440

Useful luminous flux (#use)

345

Technical drawings



Data table

GENERAL DATA

Product name	RefLED ES50 V5 345lm DIM 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
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740466
E-number SE	8292497
Warranty	3 years

OPTICAL DATA

RefLED ES50 V5 345lm DIM 830 36° SL 0027440

Useful luminous flux (#use)	345
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	950
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	5
Wattage (W)	5
Equivalent watt (W)	50
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	>50000
Dimmable	Yes
Nominal Frequency (Hz)	50/60Hz

LIFETIME DATA

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

PHYSICAL DATA

Nominal Product Length (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.038

PACKAGING

Product EAN number	5410288274409
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.2
Packaging single depth (cm)	5.2
DUN14 (inner)	15410288274406
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 (outer)	25410288274403
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	Dimmable with approved dimmers
Safety message	Not Suitable for totally enclosed fixtures