SYLVANIA

RefLED ES50
RefLED ES50 V5 610lm 830 36° SL
0027462

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

Product name	RefLED ES50 V5 610lm 830 36° SL
Technology	LED
Watt (Rated) (W)	7
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
Warranty	3 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)	7
Product Voltage (V)	230
Average life (Nominal) (h)	15000
Product EAN number	5410288274621

DATA TABLE

General data

Product name	RefLED ES50 V5 610lm 830 36° SL
Technology	LED
Watt (Rated) (W)	7
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
Warranty	3 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)	1350
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	7
Equivalent watt (W)	85
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)	6
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	100
Max. Luminaires per 16A C Breaker	160
Max. Luminaires per 20A C Breaker	200

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)	0.047

Packaging

Single packaging type	Carton
Product EAN number	5410288274621
Packaging single length / height (cm)	6.5
Packaging single width (cm)	5.2
Packaging single depth (cm)	5.2
DUN14 (inner)	25410288274625
Units per inner package	6
Packaging inner length / height (cm)	16.7
Packaging inner width (cm)	11.3
Packaging inner depth (cm)	7.5
DUN14 (outer)	15410288274628
Units per outer package	60

RefLED ES50
RefLED ES50 V5 610lm 830 36° SL
0027462

Packaging outer length / height (cm)	59.0
Packaging outer width (cm)	18.2
Packaging outer depth (cm)	17.5

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

PHOTOMETRY

TECHNICAL DRAWINGS