RefLED ES50

RefLED ES50 V5 580lm 830 110° SL

0027664

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	0027664
Product name	RefLED ES50 V5 580lm 830 110° SL
Technology	LED
Watt (Rated) (W)	7.00
Cap/Base	GU10
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	110
Wattage (W)	7.00
Product Voltage (V)	230
Average life (Nominal) (h)	15000

DATA TABLE

General data

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959

Optical data

Rated Luminous Flux Useful (lm)	580
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Rated Luminous Intensity (cd)	250
Beam Angle (°)	110
Beam angle (Rated) (°)	110
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	7.00
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)	6.00
Lamp Energy Label (class)	A+
kWh per 1000 hours burning time	7
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	80
Max. Luminaires per 16A C Breaker	120
Max. Luminaires per 20A C Breaker	160

Lifetime data

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

Physical data

Nominal Product Length (mm)	56
Nominal Product Diameter (mm)	50
Weight (kg)	0.051

Packaging

Single packaging type	Carton
Packaging single length / height (cm)	6.5
Packaging single width (cm)	5.2
Packaging single depth (cm)	5.2
DUN14 (inner)	25410288276643
Units per inner package	6

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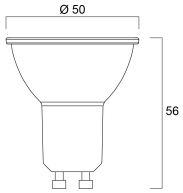
Packaging inner length / height (cm)	16.7
Packaging inner width (cm)	11.3
Packaging inner depth (cm)	7.5
DUN14 (outer)	15410288276646
Units per outer package	60
Packaging outer length / height (cm)	59.0
Packaging outer width (cm)	18.2
Packaging outer depth (cm)	17.5

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

TECHNICAL DRAWINGS



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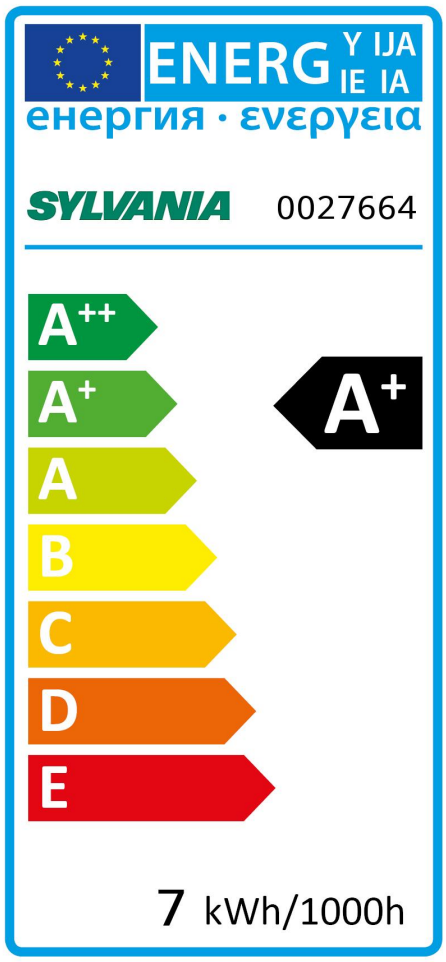

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