

RefLED ES50

RefLED ES50 V5 345lm 840 36° SL

0027434



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	0027434
Product name	RefLED ES50 V5 345lm 840 36° SL
Technology	LED
Watt (Rated) (W)	4.20
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries,
ETIM Class	EC001959
E-number FI	4740463
E-number SE	8292496
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)	4.20
Product Voltage (V)	230
Average life (Nominal) (h)	15000
Product EAN number	5410288274348

DATA TABLE

General data

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Optical data

Rated Luminous Flux Useful (lm)	345
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Rated Luminous Intensity (cd)	770
Beam Angle (°)	36
Beam angle (Rated) (°)	36
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	4.20
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)	3.90
Lamp Energy Label (class)	A+
kWh per 1000 hours burning time	5
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	130
Max. Luminaires per 16A C Breaker	210
Max. Luminaires per 20A C Breaker	260

Lifetime data

Performance ambient temperature Tq (°C)	25
Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

Physical data

Nominal Product Length (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.031

Packaging

Single packaging type	Carton
Product EAN number	5410288274348
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.2
Packaging single depth (cm)	5.2

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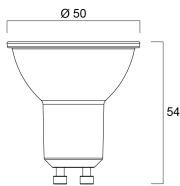
0027434

DUN14 (outer)	15410288274345
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 (inner)	25410288274342
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	Not Suitable for totally enclosed fixtures

TECHNICAL DRAWINGS



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