

RefLED ES50 V3

RefLED ES50 V3 5W 345lm 865 36° SL

0027435



Range Features

- Up to 90% energy saving comparing to halogen.
- High light output - real retrofit for the halogen lamps (36W, 50W and 60W replacements).
- Perfect shape and size for a perfect fit in your luminaire.
- Choice of beam angles to suit lighting needs (36 degree or ultra wide beam 110 degree).
- Available in different colour temperatures: 2700K Homelight, 3000K Warm white, 4000K Cool white and 6500K Daylight.
- Dimmable option available on approved dimmers *.
- Highly efficient - up to 71Lm/W.
- Average rated life of 15,000 hours.
- 3 year Warranty.

PRODUCT OVERVIEW

Lamp finish	White
Lamp shape	GU10/ES50
Colour temperature (K)	6500
CRI (Ra)	80
Dimmable	No
EAN code	5410288274355
Energy class	A+
Equivalent watt (W)	50
Cap/Base	GU10
Beam angle(°)	36
Type	RefLED ES50 V3
Watt (Nominal) (W)	5
Light colour	865 Daylight
Ordering number	0027435
Efficacy (Rated) (lm/w)	69
Average life (Rated) (h)	15000
Luminous flux (Rated) (lm)	345
Technology	LED
Voltage (V)	220-240
Colour consistency (SDCM)	6

DATA TABLE

General data

Average life (Nominal) (h)	15000
Control gear required	No
Lamp finish	White

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Lamp shape	GU10/ES50
Control gear availability	No
Dimmable	No
EAN code	5410288274355
Energy class	A+
Energy saving lamp	Yes
General application	Hospitality; Residential & Consumer
Intended purpose	General lighting
Cap/Base	GU10
Lamp mercury content (mg)	0
Type	RefLED ES50 V3
No. of switching cycles before premature failure (min)	12500
Optimal operating condition (°C)	25
Ordering number	0027435

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Product name	RefLED ES50 V3 5W 345lm 865 36° SL
Average life (Rated) (h)	15000
Special purpose lamp	No
Starting time (max) (s)	<0,5
Technology	LED
Transformer required	No
Warm-up time to 60% of full light (max) (s)	< 2s => 95%

Product features
 Good every day quality from a brand you can trust. RefLED ES50 V3 delivers a cost effective solution to replacing halogen GU10 with LED offering 345lm of light equivalent to a 50W halogen lamp while extending lamp life to 15,000 hours. GU10 cap. 36 degree beam angle in daylight 6500K. Backed by a 3 year warranty. CCSMD Technology delivers a halogen look lens with high efficiency and good thermal control.

Optical data

Chromaticity coordinate X	0.312
Chromaticity coordinate Y	0.324
Colour temperature (K)	6500

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CRI (Ra)	80
Beam angle(°)	36
Light colour	865 Daylight
Lumen maintenance at end of nominal life (%)	70
Luminous flux (Nominal) (lm)	345
Peak intensity (cd)	810
Luminous flux (Rated) (lm)	345
Suitable for accent lighting	Yes
Beam angle (Rated) (°)	36
Adjustable chromaticity	No
Colour consistency (SDCM)	6

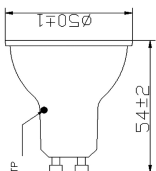
Electrical data

Current (A)	44
Equivalent watt (W)	50
kWh per 1000 hours burning time	5
Lamp power factor	0.5
Watt (Nominal) (W)	5
Efficacy (Rated) (lm/w)	69
Watt (Rated) (W)	0
Voltage (V)	220-240

Physical data

Max. Lamp Diameter (mm) - D	50
Lamp Length (mm) - C/L	54
Lamp dimension equal to filament lamp equivalent	Yes
Designed for optimum use in non standard conditions	No
Fluorescent lamp replacement	No

TECHNICAL DRAWINGS



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