

RefLED ES50 V3

RefLED ES50 5W 325lm 830 110° SL

0027445



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)	3000
CRI (Ra)	80
Dimmable	No
EAN code	5410288274454
Energy class	A+
Equivalent watt (W)	47
Beam angle(°)	110
Type	RefLED ES50 V3
Watt (Nominal) (W)	5
Light colour	830 Warm White
Ordering number	0027445
Efficacy (Rated) (lm/w)	65
Average life (Rated) (h)	15000
Luminous flux (Rated) (lm)	325
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
Lamp shape	GU10/ES50

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Control gear availability	No
Dimmable	No
EAN code	5410288274454
Energy class	A+
Energy saving lamp	Yes
General application	Hospitality; Residential & Consumer
Intended purpose	General lighting
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	0027445
Range features	<p>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.</p>
Product name	RefLED ES50 5W 325lm 830 110° 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	<p>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 with an ultra-wide beam of 110 degrees while extending lamp life to 15,000 hours. GU10 cap. 110 degree beam angle in Warm white 3000K. Backed by a 3 year warranty. CCSMD Technology delivers a halogen look lens with high efficiency and good thermal control. 110 degree beam is ideal for creating wide pools of light ideal for domestic lighting.</p>

Optical data

Chromaticity coordinate X	0.437
Chromaticity coordinate Y	0.404
Colour temperature (K)	3000
CRI (Ra)	80

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Beam angle(°)	110
Light colour	830 Warm White
Lumen maintenance at end of nominal life (%)	70
Luminous flux (Nominal) (lm)	325
Peak intensity (cd)	130
Luminous flux (Rated) (lm)	325
Suitable for accent lighting	No
Beam angle (Rated) (°)	110
Adjustable chromaticity	No
Colour consistency (SDCM)	6

Electrical data

Current (A)	44
Equivalent watt (W)	47
kWh per 1000 hours burning time	5
Lamp power factor	0.5
Watt (Nominal) (W)	5
Efficacy (Rated) (lm/w)	65
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

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