

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

RefLED ES50 V3

RefLED ES50 V3 5W 345lm 865 36° SL

0027435

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

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 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%)

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

RefLED ES50 V3

RefLED ES50 V3 5W 345lm 865 36° SL

0027435

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

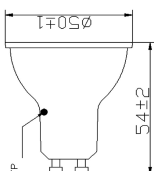
Electrical data

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



RefLED ES50 V3

RefLED ES50 V3 5W 345lm 865 36° SL

0027435

