

# RefLED ES50 V3

RefLED ES50 V3 3.5W 250lm 865 36° SL

0027461



## Range Features

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## PRODUCT OVERVIEW

Lamp finish	White
Lamp shape	GU10/ES50
Colour temperature (K)	6500
CRI (Ra)	80
Dimmable	No
EAN code	5410288274614
Energy class	A+
Equivalent watt (W)	36
Cap/Base	GU10
Beam angle(°)	36
Type	RefLED ES50 V3
Watt (Nominal) (W)	3.6
Light colour	865 Daylight
Ordering number	0027461
Efficacy (Rated) (lm/w)	66.67
Average life (h) - L70/B50	15000
Luminous flux (Rated) (lm)	240
Technology	LED
Voltage (V)	220-240
Colour consistency (SDCM)	6

## DATA TABLE

### General data

Average life (h) at Ta 25° C	15000
Control gear required	No
Lamp finish	White
Lamp shape	GU10/ES50
Control gear availability	No
Dimmable	No

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<b>EAN code</b>	5410288274614
<b>Energy class</b>	A+
<b>Energy saving lamp</b>	Yes
<b>General application</b>	Hospitality; Residential & Consumer
<b>Intended purpose</b>	General lighting
<b>Cap/Base</b>	GU10
<b>Lamp mercury content (mg)</b>	0
<b>Type</b>	RefLED ES50 V3
<b>No. of switching cycles before premature failure (min)</b>	12500
<b>Optimal operating condition (°C)</b>	25
<b>Ordering number</b>	0027461
<b>Product name</b>	RefLED ES50 V3 3.5W 250lm 865 36° SL
<b>Average life (h) - L70/B50</b>	15000
<b>Special purpose lamp</b>	No
<b>Starting time (max) (s)</b>	<0,5
<b>Technology</b>	LED
<b>Transformer required</b>	No
<b>Warm-up time to 60% of full light (max) (s)</b>	< 2s => 95%
<b>Product features</b>	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 240lm of light equivalent to a 36W 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.
<b>What temperature Life is measured at (°C):</b>	25

## Optical data

<b>Chromaticity coordinate X</b>	0.38
<b>Chromaticity coordinate Y</b>	0.377
<b>Colour temperature (K)</b>	6500
<b>CRI (Ra)</b>	80
<b>Beam angle(°)</b>	36
<b>Light colour</b>	865 Daylight
<b>Lumen maintenance at end of nominal life (%)</b>	70
<b>Luminous flux (Nominal) (lm)</b>	240
<b>Peak intensity (cd)</b>	570
<b>Luminous flux (Rated) (lm)</b>	240
<b>Suitable for accent lighting</b>	Yes
<b>Beam angle (Rated) (°)</b>	36
<b>Adjustable chromaticity</b>	No

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Colour consistency (SDCM) 6

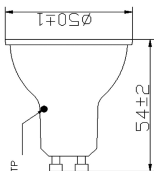
### Electrical data

Current (A)	36
Equivalent watt (W)	36
kWh per 1000 hours burning time	4
Lamp power factor	0.4
Watt (Nominal) (W)	3.6
Efficacy (Rated) (lm/w)	66.67
Watt (Rated) (W)	3.6
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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