

## RefLED ES50 V3

RefLED ES50 V3 345lm 830 36° SL

**0027433**



### 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 Warm white 3000K. Backed by a 3 year warranty. CCSMD Technology delivers a halogen look lens with high efficiency and good thermal control.



### PRODUCT OVERVIEW

Product code	0027433
Product name	RefLED ES50 V3 345lm 830 36° SL
Technology	LED
Watt (Rated) (W)	4.5
Fixture rating	Open
General application	Hospitality, Residential & Consumer
Certifications	EUTIE105
ETIM Class	EC001959
E-number Finland	4740462
E-number Sweden	8292495
Luminous flux (lm)	365
Colour temperature (K)	3000
Light colour	830 Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Wattage (W)	4.5
Product Voltage (V)	230
Average life (Nominal) (h)	15000
Product EAN number	5410288274331

### DATA TABLE

#### General data

Product code	0027433
Product name	RefLED ES50 V3 345lm 830 36° SL
Technology	LED
Watt (Rated) (W)	4.5

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<b>Fixture rating</b>	Open
<b>General application</b>	Hospitality, Residential & Consumer
<b>Operating Temperature Range (°C)</b>	25
<b>Certifications</b>	EUTIE105
<b>ETIM Class</b>	EC001959
<b>E-number Finland</b>	4740462
<b>E-number Sweden</b>	8292495

### Optical data

<b>Luminous flux (lm)</b>	365
<b>Luminous flux (Rated) (lm)</b>	365
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	830 Warm White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	6
<b>Colour Consistency (SDCM)</b>	6
<b>Beam Angle (°)</b>	36
<b>Beam angle (Rated) (°)</b>	36
<b>Lumen maintenance at end of nominal life (%)</b>	70

### Electrical data

<b>Wattage (W)</b>	4.5
<b>Starting time (max) (s)</b>	£140.5
<b>Warm-up time to 60% of full light (max) (s)</b>	<1
<b>Product Voltage (V)</b>	230
<b>Lamp power factor</b>	0.5
<b>No. Of switching cycles before premature failures</b>	50000
<b>Lamp Energy Label (class)</b>	A+
<b>kWh per 1000 hours burning time</b>	5
<b>Nominal Frequency (Hz)</b>	50/60Hz

### Lifetime data

<b>Average life (Nominal) (h)</b>	15000
<b>Average life (Rated) (h)</b>	15000

### Physical data

<b>Nominal Product Length (mm)</b>	54
<b>Nominal Product Diameter (mm)</b>	50
<b>Weight (kg)</b>	0.03

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### Packaging

<b>Single packaging type</b>	Carton
<b>Product EAN number</b>	5410288274331
<b>Packaging single length (cm)</b>	5.2
<b>Packaging single width (cm)</b>	5.2
<b>Packaging single height (cm)</b>	6.1
<b>DUN14 (inner)</b>	25410288274335
<b>Units per inner package</b>	6
<b>Packaging inner length (cm)</b>	7.5
<b>Packaging inner width (cm)</b>	11.6
<b>Packaging inner height (cm)</b>	16.7
<b>DUN14 (outer)</b>	15410288274338
<b>Units per outer package</b>	60
<b>Packaging outer length (cm)</b>	59.8
<b>Packaging outer width (cm)</b>	18.7
<b>Packaging outer height (cm)</b>	17.1

### Safety data

<b>Breakage cleaning instructions</b>	Not applicable
<b>Special purpose lamp</b>	No
<b>Intended purpose</b>	General lighting
<b>Dry applications use only</b>	Yes
<b>Suitable for household illumination</b>	Yes
<b>Safety message</b>	Suitable for totally enclosed fixture

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