

# RefLED Superia ES50 V2

RefLED Superia ES50 V2.1 400Lm 3000K 25° SL

0026622



## Range Features

- High light output – 380Lm = 55W halogen GU10
- 50'000 hours average life in open fixtures
- Coolfit – up to 25'000 hours in enclosed fixtures
- Low energy – 5.5W = 69Lm/W – A+ Energy Class
- PureForm – matches size and shape of halogen GU10 lamp
- High power factor – 0.9
- Single LED emitter – precise light with uniform beam
- Made in Europe – 6 year warranty



## PRODUCT OVERVIEW

Beam angle(°)	25
Lamp finish	Grey
Lamp shape	GU10/ES50
Colour temperature (K)	3000
CRI (Ra)	80
Dimmable	No
EAN code	5410288266220
Energy class	A+
Equivalent watt (W)	57
Cap/Base	GU10
Beam angle(°)	25
Type	REFLED SUPERIA ES50 V2
Watt (Nominal) (W)	5.5
Light colour	830 Warm White
Ordering number	0026622
Efficacy (Rated) (lm/w)	72.72
Average life (Rated) (h)	50000
Luminous flux (Rated) (lm)	400
Technology	LED
Voltage (V)	100-240
Colour consistency (SDCM)	6

## DATA TABLE

### General data

Average life (Nominal) (h)	50000
Control gear required	No
Lamp finish	Grey

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Lamp shape	GU10/ES50
Control gear availability	No
Dimmable	No
EAN code	5410288266220
Energy class	A+
Energy saving lamp	Yes
General application	Retail; Hospitality; Museums; Residential and Consumer
Intended purpose	General lighting
Cap/Base	GU10
Lamp mercury content (mg)	0
Type	REFLED SUPERIA ES50 V2
No. of switching cycles before premature failure (min)	100000
Optimal operating condition (°C)	25
Ordering number	0026622
Range features	<p>?? High light output – 380Lm = 55W halogen GU10</p> <p>?? 50'000 hours average life in open fixtures</p> <p>?? Coolfit – up to 25'000 hours in enclosed fixtures</p> <p>?? Low energy – 5.5W = 69Lm/W – A+ Energy Class</p> <p>?? PureForm – matches size and shape of halogen GU10 lamp</p> <p>?? High power factor – 0.9</p> <p>?? Single LED emitter – precise light with uniform beam</p> <p>?? Made in Europe – 6 year warranty</p>
Product name	RefLED Superia ES50 V2.1 400Lm 3000K 25° SL
Average life (Rated) (h)	50000
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)	< 1s => 60%
E-number FI	4740305
Product features	<p>RefLED Superia ES50 V2.1 delivers superior quality mains voltage LED lighting offering 400lm as replacement for 57W Halogen GU10 saving over 80% energy and extending lamp life to 50,000 hours. Warm white 3000K colour with a beam angle of 25 degrees, this RefLED Superia ES50 V2.1 400lm is manufactured in Europe to Sylvania's highest standards all backed by a 5 year warranty. GU10 cap. Featuring Sylvania's unique Coolfit technology, these lamps deliver 50,000 hours in open fixtures and 25,000 hours in enclosed fixtures. Designed with Sylvania's PureForm design ethos, these lamps match the physical size and shape of the GU10 halogen they replace ensuring they can fit in all luminaires. Single point source design using Sylvania's compact cluster SMD design (CCSMD) creating the look of a halogen lamp with superb colour consistency.</p>

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## Optical data

<b>Beam angle(°)</b>	25
<b>Colour temperature (K)</b>	3000
<b>CRI (Ra)</b>	80
<b>Beam angle(°)</b>	25
<b>Light colour</b>	830 Warm White
<b>Lumen maintenance at end of nominal life (%)</b>	70
<b>Luminous flux (Nominal) (lm)</b>	400
<b>Peak intensity (cd)</b>	1450
<b>Luminous flux (Rated) (lm)</b>	400
<b>Suitable for accent lighting</b>	Yes
<b>Colour Consistency</b>	6
<b>Beam angle (Rated) (°)</b>	25
<b>Adjustable chromaticity</b>	No
<b>Colour consistency (SDCM)</b>	6

## Electrical data

<b>Current (A)</b>	48-27
<b>Drive current (mA)</b>	48-27
<b>Equivalent watt (W)</b>	57
<b>kWh per 1000 hours burning time</b>	6
<b>Lamp power factor</b>	0.9
<b>Watt (Nominal) (W)</b>	5.5
<b>Efficacy (Rated) (lm/w)</b>	72.72
<b>Watt (Rated) (W)</b>	5.5
<b>Voltage (V)</b>	100-240

## Physical data

<b>Max. Lamp Diameter (mm) - D</b>	50
<b>Lamp Length (mm) - C/L</b>	56
<b>Lamp dimension equal to filament lamp equivalent</b>	Yes
<b>Designed for optimum use in non standard conditions</b>	No
<b>Fluorescent lamp replacement</b>	No

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