

## RefLED Superia ES50

RefLED Superia ES50 345LM 830 40° SL

0026749



### Range features

- Up to 85% energy saving compared to halogen GU10 lamps
- First true 50W halogen retrofit
- 100% retrofit - IEC standard dimensions
- Beam angle of 25°, 40°. 50° also available on 425lm versions
- 60W halogen with 425lm, or 50W halogen with 345lm
- Available in Homelight (2400K, 2700K), Warm White (3000K) and Cool White (4000K)
- Average rated life 25,000 hours
- High power factor 0.8
- 100% retrofit - IEC standard dimensions
- New colour Candlelight 2400K available for extra warm ambience in hospitality applications



### PRODUCT OVERVIEW

Light colour	830 Warm White
Ordering number	0026749
Technology	LED
Average life (Rated) (h)	25000
Energy class	A
Lamp finish	Grey
Lamp shape	Reflector
Dimmable	No
Cap/Base	GU10
Type	RefLED Superia ES50
EAN code	5410288267494
CRI (Ra)	80
Beam angle(°)	40
Colour temperature (K)	3000
Useful luminous flux (Rated) (lm)	345
Efficacy (Rated) (lm/w)	46
Watt (Nominal) (W)	7.5
Equivalent watt (W)	50
Voltage (V)	220-240

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## DATA TABLE

### General data

<b>Technology</b>	LED
<b>Ordering number</b>	0026749
<b>Average life (Rated) (h)</b>	25000
<b>Average life (Nominal) (h)</b>	25000
<b>Energy class</b>	A
<b>Energy saving lamp</b>	Yes
<b>Lamp finish</b>	Grey
<b>Lamp shape</b>	Reflector
<b>Dimmable</b>	No
<b>Cap/Base</b>	GU10
<b>Type</b>	RefLED Superia ES50
<b>EAN code</b>	5410288267494
<b>E-number FI</b>	4740041
<b>E-number SE</b>	8359405
<b>Long description</b>	Up to 85% energy saving compared to halogen GU10 lamps. First true 50W halogen retrofit. 100% retrofit - IEC standard dimensions. Beam angle of 25°, 40°. 50° also available on 425lm versions. 60W halogen with 425lm, or 50W halogen with 345lm. Available in Homelight (2400K, 2700K), Warm White (3000K) and Cool White (4000K). Average rated life 25,000 hours. High power factor 0.8. 100% retrofit - IEC standard dimensions. New colour Candlelight 2400K available for extra warm ambience in hospitality applications
<b>Product name</b>	RefLED Superia ES50 345LM 830 40° SL
<b>Lamp mercury content (mg)</b>	0
<b>Starting time (max) (s)</b>	<0,5
<b>Warm-up time to 60% of full light (max) (s)</b>	< 1s => 60%
<b>Control gear required</b>	No
<b>Intended purpose</b>	General lighting
<b>No. of switching cycles before premature failure (min)</b>	100000
<b>Special purpose lamp</b>	No
<b>Transformer required</b>	No
<b>Sales pack quantity</b>	15
<b>Optimal operating condition (°C)</b>	25

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## Optical data

<b>Light colour</b>	830 Warm White
<b>CRI (Ra)</b>	80
<b>Suitable for accent lighting</b>	Yes
<b>Beam angle (Rated) (°)</b>	40
<b>Beam angle(°)</b>	40
<b>Colour temperature (K)</b>	3000
<b>Colour Consistency</b>	6
<b>Useful luminous flux (Rated) (lm)</b>	345
<b>Lumen maintenance at end of nominal life (%)</b>	0.85
<b>Luminous flux (Nominal) (lm)</b>	350
<b>Peak intensity (cd)</b>	600
<b>Chromaticity coordinate Y</b>	-1
<b>Chromaticity coordinate X</b>	-1
<b>Adjustable chromaticity</b>	No

## Electrical data

<b>kWh per 1000 hours burning time</b>	8
<b>Efficacy (Rated) (lm/w)</b>	46
<b>Watt (Nominal) (W)</b>	7.5
<b>Watt (Rated) (W)</b>	7.5
<b>Equivalent watt (W)</b>	50
<b>Voltage (V)</b>	220-240
<b>Current (A)</b>	0.041
<b>Lamp power factor</b>	0.8

## Physical data

<b>Weight (kg)</b>	0.05
<b>Lamp Length (mm) - C/L</b>	55
<b>Max. Lamp Diameter (mm) - D</b>	50
<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
<b>Single packaging type</b>	Box/Sleeve
<b>Single package dimensions (L x W x H) (cm)</b>	4.80 x 4.80 x 6.20
<b>Outer package dimensions (L x W x H) (cm)</b>	27.00 x 16.50 x 7.50

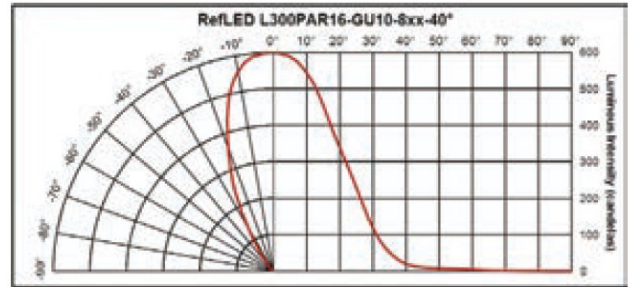
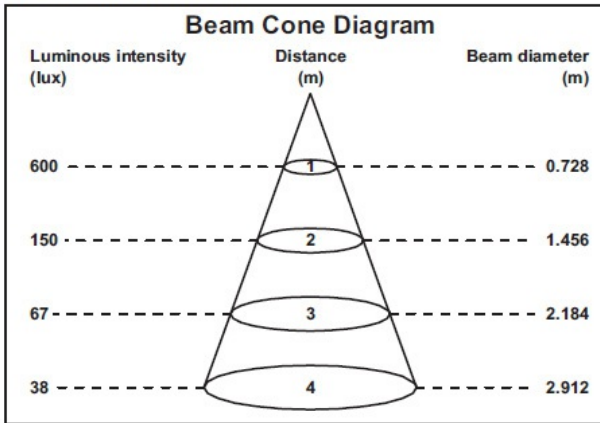
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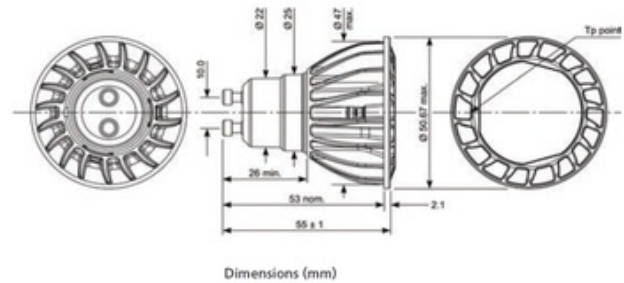
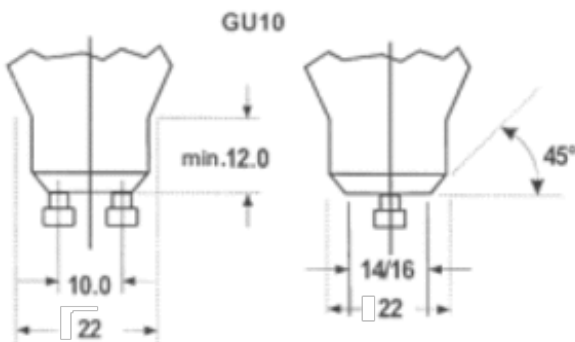
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### PHOTOMETRY

ES50 350lm 40°



### TECHNICAL DRAWINGS



### ENERGY LABEL

