

Features

- Compact, energy efficient and exceptional value LED GU10 lamp Same shape and size as halogen GU10 lamp Compact Cluster SMD technology enabling high efficiency with halogen look Reduced visible heat sink from the front Available in 36 degree beam angle High lumen efficacy 15,000 hours average rated life 3 years warranty

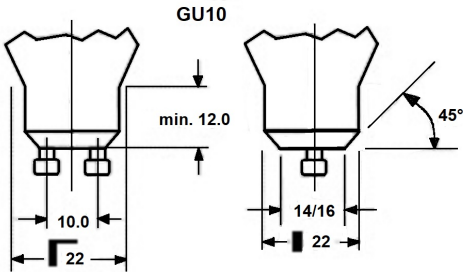
Product Overview

Product name	RefLED ES50 V6 230LM 830 36 SL
Technology	LED
Watt (Rated) (W)	3.1
Type	LED exchangeable
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4741054
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	6
Beam Angle (°)	36
Photobiological Risk Group	RG1
Wattage (W)	3.1

RefLED ES50 V6 230LM 830 36 SL
0029155

Product Voltage (V)	230
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288291550
Warranty	3 years

Technical drawings



Data table

GENERAL DATA

Product name	RefLED ES50 V6 230LM 830 36 SL
Technology	LED
Watt (Rated) (W)	3.1
Type	LED exchangeable
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
Operating temperature range (°C)	-20°C...+40°C

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Performance ambient temperature Tq (°C)	25
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ETIM Class	EC001959
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E-number FI	4741054
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Warranty	3 years
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OPTICAL DATA

Colour temperature (K)	3000
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Light colour	Warm White
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CRI (Ra)	80
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Colour Consistency (SDCM)	6
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Colour Variation Initial (SDCM)	6
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Luminous Intensity (cd)	460
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Beam Angle (°)	36
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Photobiological Risk Group	RG1
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Lumen maintenance at end of nominal life (%)	70
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ELECTRICAL DATA

Wattage (W)	3.1
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Equivalent watt (W)	35
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Product Voltage (V)	230
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Control gear required	No
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No. Of switching cycles before premature failures	>50000
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Transformer required	No
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Dimmable	No
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Inrush Current (A)	2.5
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Inrush Duration (µs)	3400
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Lamp Energy Label (class)	F
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Nominal Frequency (Hz)	50/60Hz
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Max. Luminaires per 16A C Breaker	288
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Max. Luminaires per 16A B Breaker	173
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LIFETIME DATA

Lifespan L70 B50	15000
Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

PHYSICAL DATA

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.035

PACKAGING

Single packaging type	Carton
Product EAN number	5410288291550
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
DUN14 (inner)	25410288291554
Units per inner package	6
Packaging inner length / height (cm)	9.2
Packaging inner width (cm)	16.4
Packaging inner depth (cm)	13.1
DUN14 (outer)	15410288291557
Units per outer package	60
Packaging outer length / height (cm)	20.8
Packaging outer width (cm)	17.8
Packaging outer depth (cm)	68.5

SAFETY DATA

Optimal operating condition (°C)	-20-40
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes

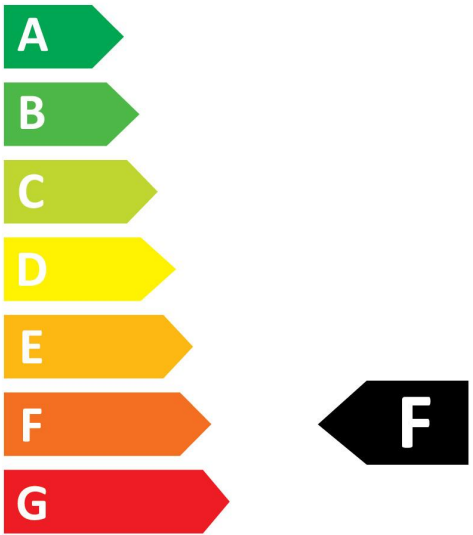
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Safety message

Not Suitable for totally enclosed fixtures

Energy label

 **ENERG** 
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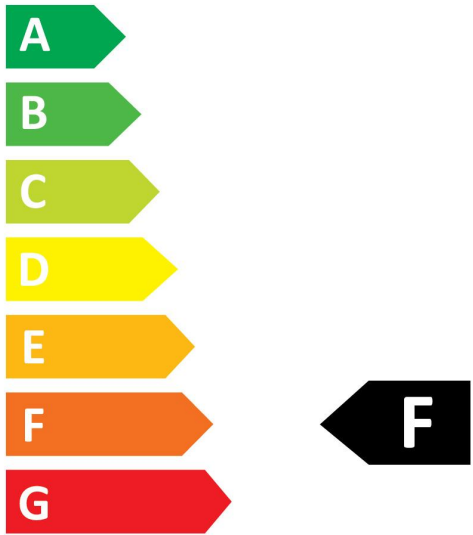


4
kWh/1000h



2019/2015

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4
kWh/1000h



2019/2015