

RefLED ES50
RefLED ES50 V6 230LM 830 36 SL
0029155



- Product 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
Warranty	3 years
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Photobiological Risk Group	RG1
Wattage (W)	3.1
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288291550

DATA TABLE

General data	
Product name	RefLED ES50 V6 230LM 830 36 SL
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Watt (Rated) (W)	3.1
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Operating temperature range (°C)	-20°C...+40°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
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Warranty	3 years

Optical data

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	460
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	3.1
Equivalent watt (W)	35
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Control gear required	No
No. Of switching cycles before premature failures	>50000
Dimmable	No
Inrush Current (A)	2.5
Inrush Duration (µs)	3400
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	288
Max. products per 16A B Breaker	173

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

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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
Safety message	Not Suitable for totally enclosed fixtures

PHOTOMETRY

TECHNICAL DRAWINGS

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**ENERG**

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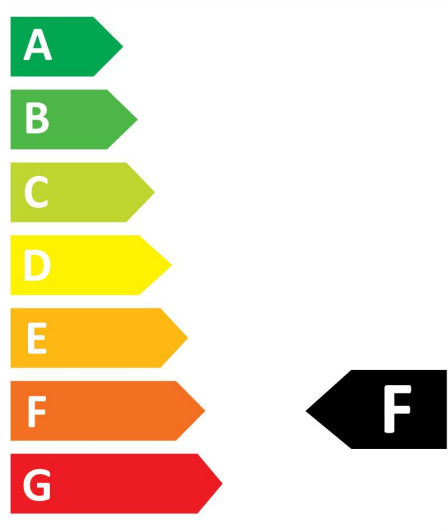
kWh/1000h



2019/2015

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kWh/1000h



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