



Features

- Premium performance professional LED GU10 range with the same look and feel of traditional halogen GU10 lamp Recreates backlight effect similar to halogen dichroic lamps Full glass design - means no colours clashing between lamp and fixture Very long lifetime of up to 25,000 hours COOLFIT functionality – ensures overheat and over temperature protection High switching cycles: >100,000 High colour rendering: CRI80 Dimmable with approved dimmers Warranty: 5 Years

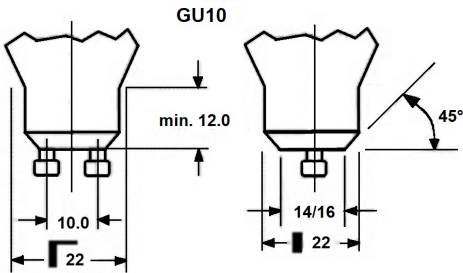
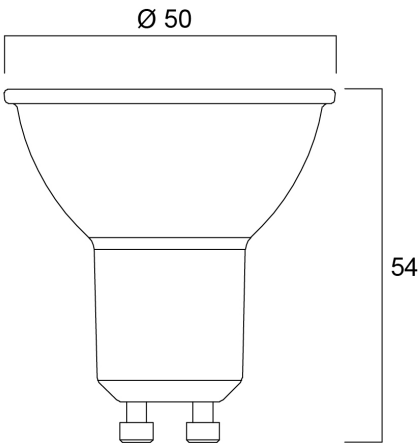
Product Overview

Product name	RefLED Superia Retro ES50 V3 450LM DIM 830 36 SL5
Technology	LED
Watt (Rated) (W)	5
Type	LED exchangeable
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
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)	5
Product Voltage (V)	230

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Dimmable	Yes
Average life (Nominal) (h)	25000
Product EAN number	5410288291338
Warranty	5 years

Technical drawings



Data table

GENERAL DATA

Product name	RefLED Superia Retro ES50 V3 450LM DIM 830 36 SL5
Technology	LED
Watt (Rated) (W)	5
Type	LED exchangeable
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+50°C
Performance ambient temperature Tq (°C)	25

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ETIM Class	EC001959
Warranty	5 years

OPTICAL DATA

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	6
Luminous Intensity (cd)	800
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	5
Equivalent watt (W)	60
Product Voltage (V)	230
Control gear required	No
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	Yes
Inrush Current (A)	0.46
Inrush Duration (µs)	28
Lamp Energy Label (class)	F
Max. Luminaires per 16A C Breaker	667
Max. Luminaires per 16A B Breaker	667

LIFETIME DATA

Lifespan L70 B50	25000
Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

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PHYSICAL DATA

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.05

PACKAGING

Single packaging type	Carton
Product EAN number	5410288291338
Packaging single length / height (cm)	8.2
Packaging single width (cm)	19.5
Packaging single depth (cm)	5.1
DUN14 (outer)	15410288291335
Units per outer package	6
Packaging outer length / height (cm)	9.2
Packaging outer width (cm)	20.2
Packaging outer depth (cm)	32.3

SAFETY DATA

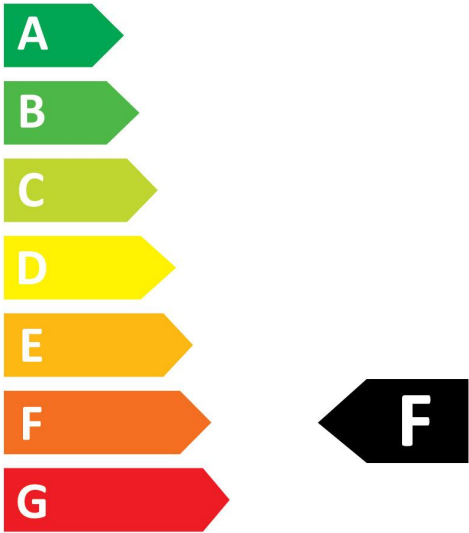
Optimal operating condition (°C)	-20-50
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Dimmable with approved dimmers

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Energy label



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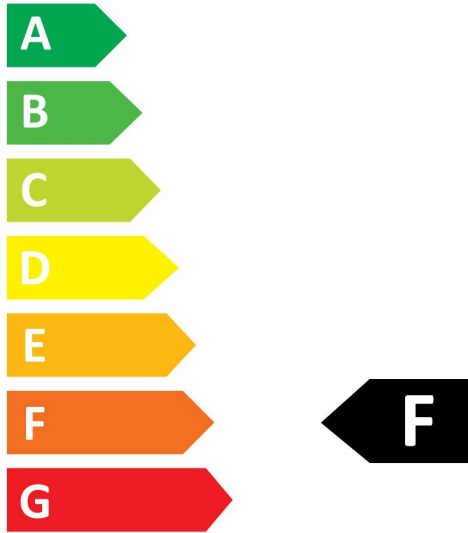
5
kWh/1000h



2019/2015



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5
kWh/1000h



2019/2015