



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 Non dimmable Warranty: 5 Years

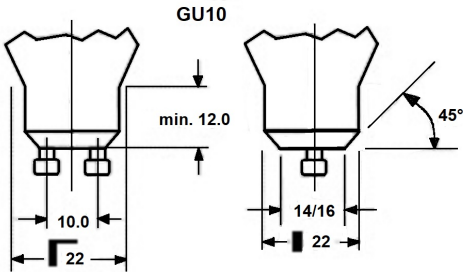
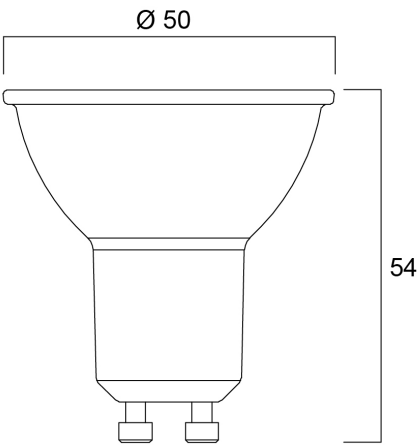
Product Overview

Product name	RefLED Superia Retro ES50 V3 450LM 830 36 SL
Technology	LED
Watt (Rated) (W)	5
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4741043
Correlated 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
Power consumption (W)	5

RefLED Superia Retro ES50 V3 450LM 830 36 SL
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Dimmable	No
Average life (Nominal) (h)	25000
Product EAN number	5410288291147
Warranty	5 years
Useful luminous flux (#use)	450

Technical drawings



Data table

GENERAL DATA

Product name	RefLED Superia Retro ES50 V3 450LM 830 36 SL
Technology	LED
Watt (Rated) (W)	5
Cap/Base	GU10
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
Operating temperature range (°C)	-20°C...+50°C
Performance ambient temperature Tq (°C)	25

RefLED Superia Retro ES50 V3 450LM 830 36 SL 0029114

ETIM Class	EC001959
E-number FI	4741043
Warranty	5 years

OPTICAL DATA

Useful luminous flux (#use)	450
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	800
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Power consumption (W)	5
Wattage (W)	5
Equivalent watt (W)	60
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	>100000
Dimmable	No
Inrush Current (A)	4.28
Inrush Duration (µs)	288
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	168
Max. products per 16A B Breaker	101

RefLED Superia Retro ES50 V3 450LM 830 36 SL 0029114

LIFETIME DATA

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

PHYSICAL DATA

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.049

PACKAGING

Product EAN number	5410288291147
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	8.2
DUN14 (inner)	15410288291144
Units per inner package	6
Packaging inner length / height (cm)	19.4
Packaging inner width (cm)	11.3
Packaging inner depth (cm)	9.5
DUN14 (outer)	25410288291141
Units per outer package	60
Packaging outer length / height (cm)	58.8
Packaging outer width (cm)	21.8
Packaging outer depth (cm)	21.7

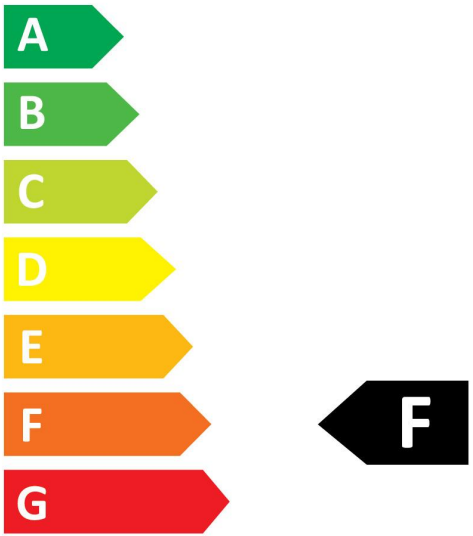
SAFETY DATA

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	None

Energy label



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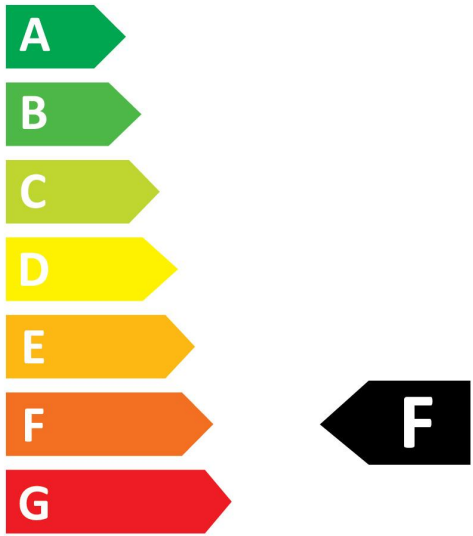
5
kWh/1000h



2019/2015



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5
kWh/1000h



2019/2015