



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

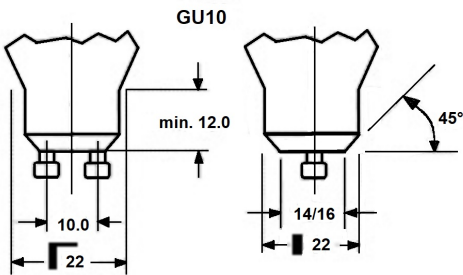
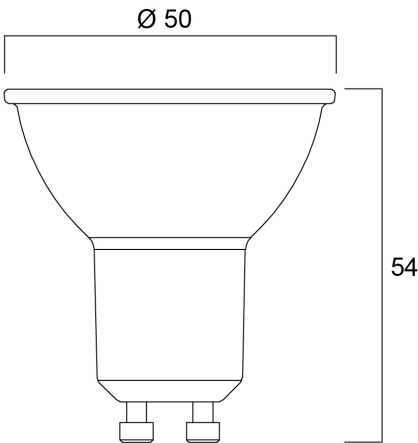
Product Overview

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

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Average life (Nominal) (h)	25000
Product EAN number	5410288291338
Warranty	5 years
Useful luminous flux (#use)	450

Technical drawings



Data table

GENERAL DATA

Product name	RefLED Superia Retro ES50 V3 450LM DIM 830 36 SL5
Technology	LED
Watt (Rated) (W)	5
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
ETIM Class	EC001959



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Warranty	5 years
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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	Yes
Inrush Current (A)	0.46
Inrush Duration (µs)	28
Lamp Energy Label (class)	F
Max. products per 16A C Breaker	667
Max. products per 16A B Breaker	667

LIFETIME DATA

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



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Average life (Rated) (h)	25000
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PHYSICAL DATA

Nominal Product Height (mm)	54
Nominal Product Diameter (mm)	50
Weight (kg)	0.244

PACKAGING

Product EAN number	5410288291338
Packaging single length / height (cm)	19.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	8.1
DUN14 (inner)	15410288291335
Units per outer package	6
Packaging outer length / height (cm)	32.3
Packaging outer width (cm)	20.6
Packaging outer depth (cm)	9.6

SAFETY DATA

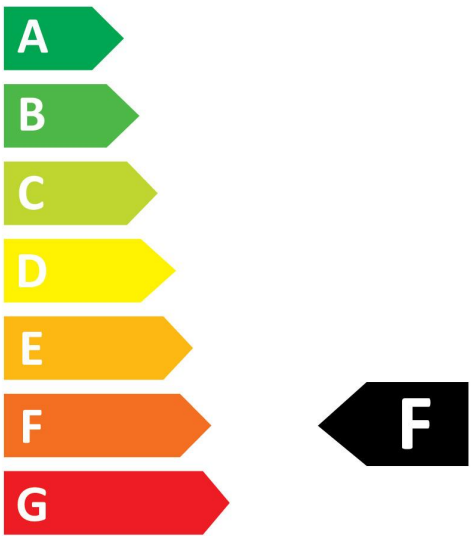
Optimal operating condition (°C)	-20-50
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Dimmable with approved dimmers

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Energy label



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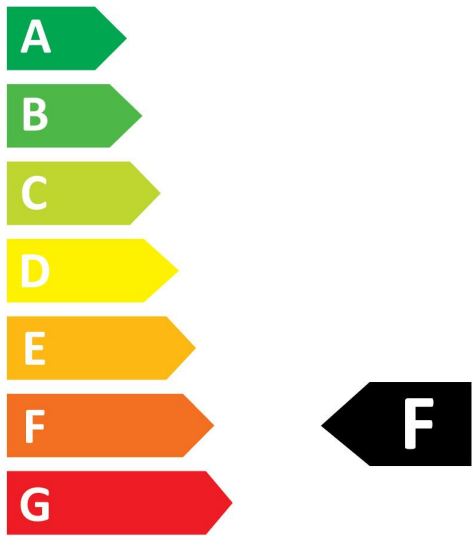
5
kWh/1000h



2019/2015



0029133



5
kWh/1000h



2019/2015