



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

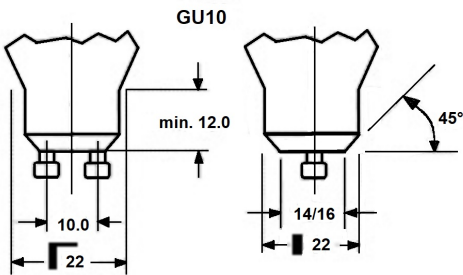
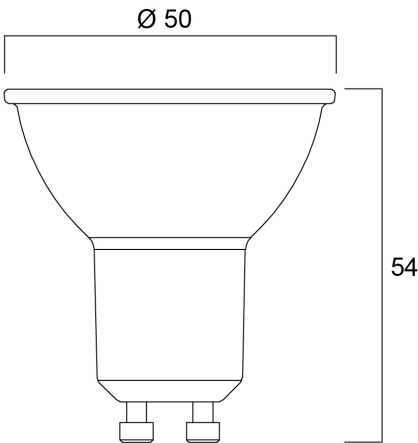
Product Overview

Product name	RefLED Superia Retro ES50 V3 345LM 830 36 SL3
Technology	LED
Watt (Rated) (W)	4
Type	LED exchangeable
Cap/Base	GU10
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)	4
Product Voltage (V)	230

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Dimmable	No
Average life (Nominal) (h)	25000
Product EAN number	5410288291086
Warranty	5 years

Technical drawings



Data table

GENERAL DATA

Product name	RefLED Superia Retro ES50 V3 345LM 830 36 SL3
Technology	LED
Watt (Rated) (W)	4
Type	LED exchangeable
Cap/Base	GU10
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)	700
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	4
Equivalent watt (W)	50
Product Voltage (V)	230
Control gear required	No
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Inrush Current (A)	3.4
Inrush Duration (µs)	232
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	282
Max. Luminaires per 16A B Breaker	169

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)	0.15

PACKAGING

Single packaging type	Carton
Product EAN number	5410288291086
Packaging single length / height (cm)	8.2
Packaging single width (cm)	12.1
Packaging single depth (cm)	5.1
DUN14 (inner)	25410288291080
Units per inner package	6
Packaging inner length / height (cm)	9.2
Packaging inner width (cm)	12.8
Packaging inner depth (cm)	32.3
DUN14 (outer)	15410288291083
Units per outer package	60
Packaging outer length / height (cm)	20.8
Packaging outer width (cm)	67.0
Packaging outer depth (cm)	33.7

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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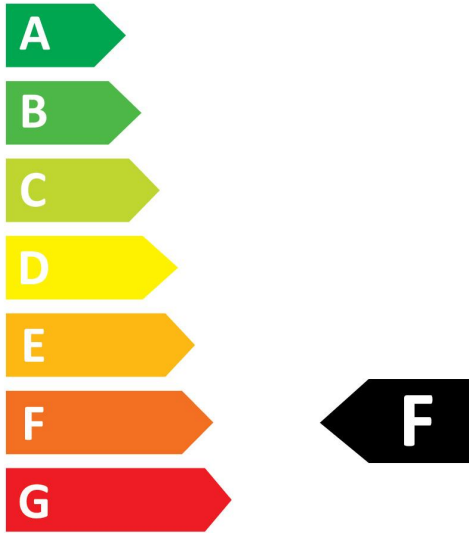
4
kWh/1000h



2019/2015



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4
kWh/1000h



2019/2015