

RefLED Retro Superia ES50 DIMMABLE
RefLED Superia Retro ES50 V3 450LM DIM 830 36 SL5
0029133



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

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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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)	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
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
Average life (Rated) (h)	25000

Physical data

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

Packaging

Single packaging type	Carton
Product EAN number	5410288291338
Packaging single length / height (cm)	19.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	8.1
DUN14 (outer)	15410288291335
Units per outer package	6
Packaging outer length / height (cm)	32.3

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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

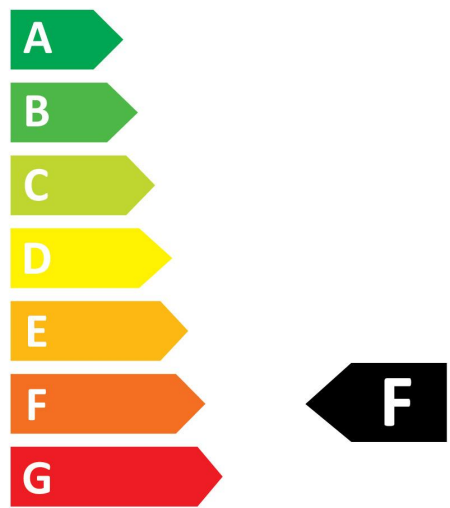
PHOTOMETRY

TECHNICAL DRAWINGS



SYLVANIA

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5

kWh/1000h

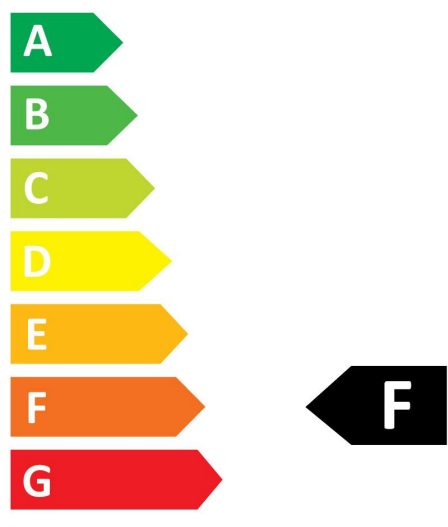


2019/2015

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kWh/1000h



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