

RefLED Superia Retro ES50 V3 450LM DIM 827 36 SL

Item No: 0029131

SYLVANIA



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

Technical Assets

Dimensions (mm)



Photometrics

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General data

Product name	RefLED Superia Retro ES50 V3 450LM DIM 827 36 SL
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
E-number FI	4741025
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	450
Correlated colour temperature (k)	2700
Light colour	Homelight
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

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 (μ s)	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)	0.049

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Packaging

Product EAN number	5410288291314
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
DUN14 (inner)	15410288291311
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)	25410288291318
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	Dimmable with approved dimmers