RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 360LM 840 36 SL2

0029110



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
- Non dimmable
- Warranty: 5 Years

PRODUCT OVERVIEW

Product name	RefLED Superia Retro ES50 V3 360LM 840 36 SL2
Technology	LED
Watt (Rated) (W)	4
Cap/Base	GU10
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
ETIM Class	EC001959
Warranty	5 years
Useful luminous flux (Fuse)	360
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Photobiological Risk Group	RG1
Power consumption (W)	4
Wattage (W)	4
Dimmable	No
Average life (Nominal) (h)	25000
Product EAN number	5410288291109

DATA TABLE

General data

Product name	RefLED Superia Retro ES50 V3 360LM 840 36 SL2
Technology	LED
Watt (Rated) (W)	4
Cap/Base	GU10
Fixture rating	Open

© Feilo Sylvania | Date Printed: 03 Jun 2024

RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 360LM 840 36 SL2

0029110

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
Warranty	5 years

Optical data

Useful luminous flux (Fuse)	360
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	750
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Power consumption (W)	4
Wattage (W)	4
Equivalent watt (W)	50
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)	3.4
Inrush Duration (µs)	232
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	282
Max. products per 16A B Breaker	169

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)	0.085

© Feilo Sylvania | Date Printed: 03 Jun 2024

RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 360LM 840 36 SL2

0029110

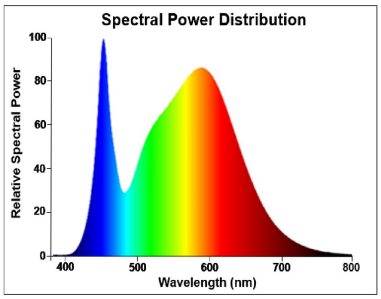
Packaging

Product EAN number	5410288291109
Packaging single length / height (cm)	8.2
Packaging single width (cm)	8.6
Packaging single depth (cm)	5.1
DUN14 (inner)	25410288291103
Units per inner package	6
Packaging inner length / height (cm)	9.2
Packaging inner width (cm)	9.3
Packaging inner depth (cm)	32.3
DUN14 (outer)	15410288291106
Units per outer package	60
Packaging outer length / height (cm)	22.0
Packaging outer width (cm)	49.9
Packaging outer depth (cm)	34.8

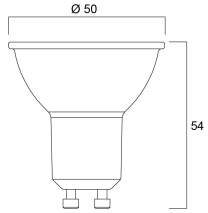
Safety data

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

PHOTOMETRY



TECHNICAL DRAWINGS



© Feilo Sylvania | Date Printed: 03 Jun 2024

RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 360LM 840 36 SL2

0029110



© Feilo Sylvania | Date Printed: 03 Jun 2024

RefLED Superia Retro ES50

RefLED Superia Retro ES50 V3 360LM 840 36 SL2

0029110



© Feilo Sylvania | Date Printed: 03 Jun 2024