

# RefLED Superia Retro MR16 V2 621LM DIM 827 36 SL

Item No: 0029222

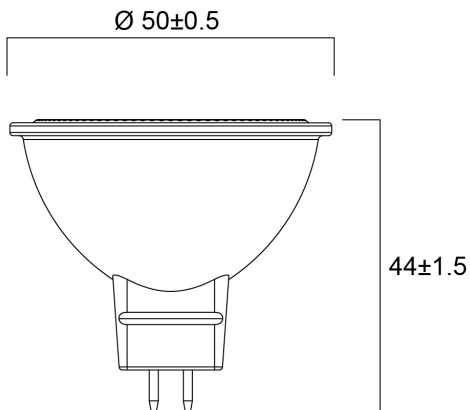
**SYLVANIA**



Premium performance professional LED MR16 range with the same look and feel of traditional halogen MR16 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. Switching cycles: >100,000. Colour rendering: CRI80. Lamp voltage: 12V AC/DC. Dimmable on approved dimmers. Works with magnetic and compatible electronic transformers. Warranty: 5 Years

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

Product name	RefLED Superia Retro MR16 V2 621LM DIM 827 36 SL
Technology	LED
Watt (Rated) (W)	7.5
Fixture rating	Open
General application	Education, Hospitality, Museums & Galleries, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4741102
Warranty	5 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	621
Correlated colour temperature (k)	2700
Light colour	Homelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Luminous Intensity (cd)	1000
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	7.5
Wattage (W)	7.5
Equivalent watt (W)	50
Primary Supply/Product voltage - min (V)	12
Primary Supply/Product voltage - max (V)	12
Control gear required	Yes
No. Of switching cycles before premature failures	>50000
Dimmable	Yes
Inrush Current (A)	10
Inrush Duration ( $\mu$ s)	500
Lamp Energy Label (class)	F

## Lifetime data

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

## Physical data

Nominal Product Length (mm)	44
Nominal Product Diameter (mm)	50
Weight (kg)	0.03

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## Packaging

Product EAN number	5410288292229
Packaging single length / height (cm)	6.1
Packaging single width (cm)	5.1
Packaging single depth (cm)	8.2
DUN14 (inner)	15410288292226
Units per inner package	6
Packaging inner length / height (cm)	16.4
Packaging inner width (cm)	13.2
Packaging inner depth (cm)	9.3
DUN14 (outer)	25410288292223
Units per outer package	36
Packaging outer length / height (cm)	34.6
Packaging outer width (cm)	28.2
Packaging outer depth (cm)	20.8

## Safety data

Optimal operating condition (°C)	-20-40
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Suitable for approved transf./dimmers