

# RefLED Retro MR11 184LM 830 36° SL

Item No: 0029238

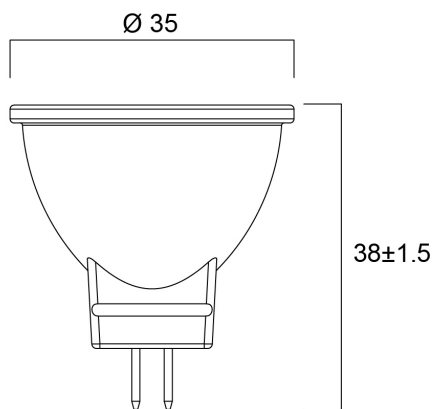
**SYLVANIA**



LED MR11 range with the same look and feel of traditional halogen MR11 lamp Full glass design - means no colours clashing between the lamp and fixture Available in 36 degree beam angle 15,000 hours average rated life Switching cycles: 50,000 Colour rendering: CRI80 Lamp voltage: 12V AC/DC Works with magnetic and compatible electronic transformers\* Warranty: 3 Years

## Technical Assets

### Dimensions (mm)



### Photometrics

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## General data

Product name	RefLED Retro MR11 184LM 830 36° SL
Technology	LED
Watt (Rated) (W)	2.5
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
Warranty	3 years

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	184
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	400
Beam Angle (°)	36
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

## Electrical data

Power consumption (W)	2.5
Wattage (W)	2.5
Equivalent watt (W)	20
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	>100000
Dimmable	No
Inrush Current (A)	8
Inrush Duration ( $\mu$ s)	500
Lamp Energy Label (class)	G
Max. products per 16A C Breaker	32
Max. products per 16A B Breaker	20

## Lifetime data

Lifespan L70 B50	15000
Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

## Physical data

Nominal Product Length (mm)	38
Nominal Product Diameter (mm)	35
Weight (kg)	0.014

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## Packaging

Product EAN number	5410288292380
Packaging single length / height (cm)	5.1
Packaging single width (cm)	4.5
Packaging single depth (cm)	7.6
DUN14 (inner)	15410288292387
Units per inner package	6
Packaging inner length / height (cm)	16.4
Packaging inner width (cm)	10.3
Packaging inner depth (cm)	9.1
DUN14 (outer)	25410288292384
Units per outer package	36
Packaging outer length / height (cm)	33.2
Packaging outer width (cm)	18.7
Packaging outer depth (cm)	20.9

## 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