

RefLED Retro MR11 345LM 830 36° SL

Item No: 0031831

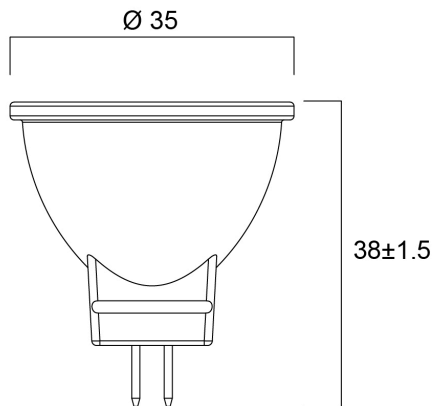
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LED MR11 range with the same look and feel of traditional halogen MR11 lamp
Full glass design - means no colours clashing between the lamp and fixture
Available in 36 degree beam angle
15,000 hours average rated life
Switching cycles: 50,000
Colour 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 345LM 830 36° SL
Technology	LED
Watt (Rated) (W)	4
Lamp shape	Reflector
Cap/Base	GU4
Lamp finish	Clear
Built in presence detector	NONE
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
Virtual assistant compatibility	N/A
ETIM Class	EC001959
E-number FI	4741295
Warranty	3 years

Optical data

Useful luminous flux (Φ_{use})	345
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Luminous Intensity (cd)	600
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)	35
Supply current (A)	0.46
Primary Supply/Product voltage - min (V)	12.0
Primary Supply/Product voltage - max (V)	12.0
Control gear required	Yes
Control gear type	Electronic transformer (Halogen)
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Inrush Current (A)	10
Inrush Duration (μ s)	500
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60/HF
Max. products per 16A C Breaker	21
Max. products per 16A B Breaker	13

Lifetime data

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

Physical data

Housing colour	Transparent
IP rating	IP20
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	35
Weight (kg)	0.014

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Packaging

Product EAN number	5410288318318
Packaging single length / height (cm)	5.0
Packaging single width (cm)	4.5
Packaging single depth (cm)	7.5
DUN14 (inner)	15410288318315
Units per inner package	6
Packaging inner length / height (cm)	15.9
Packaging inner width (cm)	9.9
Packaging inner depth (cm)	8.8
DUN14 (outer)	25410288318312
Units per outer package	36
Packaging outer length / height (cm)	31.5
Packaging outer width (cm)	17.1
Packaging outer depth (cm)	19.6

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