

RefLED Retro MR11 345LM 830 36° SL

Item No: 0029239

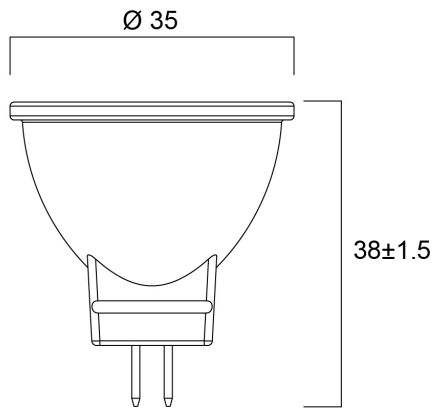
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LED MR11 range with the same look and feel of traditional halogen MR11 lamp Full glass design - means no colours clashing between the lamp and fixture Available in 36 degree beam angle 15,000 hours average rated life Switching cycles: 50,000 Colour 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
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 (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
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)	10
Inrush Duration (μ s)	500
Lamp Energy Label (class)	F
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

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

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Packaging

Product EAN number	5410288292397
Packaging single length / height (cm)	5.1
Packaging single width (cm)	4.5
Packaging single depth (cm)	7.6
DUN14 (inner)	15410288292394
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)	25410288292391
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