

## RefLED Retro MR16

REFLED RT MR16 345LM 830 36° S  
0026534



### Product features

- Glass construction offering classic look with latest efficient technology.
- Same shape and size as halogen MR16 lamp.
- Glass construction means no colour clash with luminaires.
- Ideal product for exposed spot lighting application.
- 84% energy saving comparing to 35W halogen MR16 lamp
- 36° beam angle
- Colour temperatures: 3000K Warm white
- Highly efficient - 63 lm/W
- Average rated life of 15,000 hours
- 3 year warranty



## PRODUCT OVERVIEW

Product name	REFLED RT MR16 345LM 830 36° S
Technology	LED
Watt (Rated) (W)	5.5
Lamp shape	Reflector
Type	RefLED Retro MR16
Cap/Base	GU5.3
Lamp finish	Clear
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
ETIM Class	EC001959
E-number FI	4740452
E-number SE	8292467
Warranty	3 years
Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	36
Wattage (W)	5.5
Product Voltage (V)	12
Dimmable	No
Dimming method	N/A
Average life (Nominal) (h)	15000
Product EAN number	5410288265346

## DATA TABLE

### General data

Product name	REFLED RT MR16 345LM 830 36° S
Technology	LED
Watt (Rated) (W)	5.5
Lamp shape	Reflector

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Type	RefLED Retro MR16
Cap/Base	GU5.3
Lamp finish	Clear
Fixture rating	Open
General application	Office, Hospitality, Retail, Education, Residential & Consumer, Museums & Galleries
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4740452
E-number SE	8292467
Warranty	3 years

### Optical data

Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	80
Colour Consistency (SDCM)	6
Colour Variation Initial (SDCM)	SDCM6
Adjustable chromaticity	N
Luminous Intensity (cd)	700
Beam Angle (°)	36
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Wattage (W)	5.5
Equivalent watt (W)	35
Starting time (max) (s)	0.5
Warm-up time to 60% of full light (max) (s)	0.5
Current (A)	0.65
Mains voltage (V)	12V
Product Voltage (V)	12
Lamp power factor	0.5
Control gear required	Yes
No. Of switching cycles before premature failures	>50000
Transformer required	Yes
Dimmable	No
Dimming method	N/A
Inrush Current (A)	3.25
Lamp Energy Label (class)	G
kWh per 1000 hours burning time	6

### Lifetime data

Average life (Nominal) (h)	15000
Average life (Rated) (h)	15000

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### Physical data

Nominal Product Length (mm)	46
Nominal Product Diameter (mm)	50
Max. Lamp Diameter (mm) - D	50
Weight (kg)	0.045

### Packaging

Single packaging type	Carton
Product EAN number	5410288265346
Packaging single length / height (cm)	5.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (inner)	25410288265340
Units per inner package	6
Packaging inner length / height (cm)	16.0
Packaging inner width (cm)	12.0
Packaging inner depth (cm)	6.0
DUN14 (outer)	15410288265343
Units per outer package	60
Packaging outer length / height (cm)	34.5
Packaging outer width (cm)	18.3
Packaging outer depth (cm)	28.5

### 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
Suitable for accent lighting	Yes
Safety message	Not Suitable for totally enclosed fixtures
Safety message	Suitable for approved transf./dimmers

## TECHNICAL DRAWINGS

