

RefLED Retro MR16

REFLED RT MR16 345LM 840 36° S

0026535



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: 4000K Cool white
- Highly efficient - 63 lm/W
- Average rated life of 15,000 hours
- 3 year warranty



PRODUCT OVERVIEW

Product name	REFLED RT MR16 345LM 840 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	4740453
Warranty	3 years
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	36
Wattage (W)	5.5
Product Voltage (V)	12
Dimmable	No
Average life (Nominal) (h)	15000
Product EAN number	5410288265353

DATA TABLE

General data

Product name	REFLED RT MR16 345LM 840 36° S
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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	4740453
Warranty	3 years

Optical data

Rated Luminous Flux Useful (lm)	345
Colour temperature (K)	4000
Light colour	Cool White
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Rated 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
Mains frequency (Hz)	50
Control gear required	Yes
No. Of switching cycles before premature failures	>50000
Transformer required	Yes
Dimmable	No
Inrush Current (A)	3.25
Lamp Energy Label (class)	G
kWh per 1000 hours burning time	6
Nominal Frequency (Hz)	DC/50/60Hz

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	5410288265353
Packaging single length / height (cm)	5.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (inner)	25410288265357
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)	15410288265350
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

