

LED Star 12V-RetroFit

RL-MR16 43 DIM 940/WFL

Radium

Product Datasheet Date: 03.05.2026



G



7,8



500



4000K



40 000h



Dimmable



5 YEARS
GUARANTEE

General Data

Article No.	43719737
Kod	RL-MR16 43 DIM 940/WFL
Product EAN	4008597197376
Box quantity (pcs.)	10
EAN Box	4008597597374
Gross weight of box in kg	0.553
Length of box in m	0.255
Width of box in m	0.107
Height of box in m	0.072
Product weight	43 g
Product status	● Aktywne

Electric Parameters

Wattage	7.8 W
Nominal power	7.8 W
Weighted energy consumption in 1000 hours	9 kWh
Lamp power	7.8-78.0 W
Power factor	0.9

Electric Parameters

Nominal voltage	11,5-12 V
Voltage type	AC
Nominal current	720-720 mA
Nominal current (mA)	720 mA
Inrush current	11,2 A
max. no. of lamps at 10A-B10 automatic fuse	22
max. no. of lamps at 16A-B16 automatic fuse	36
dimmmable	Tak

Light Application Parameters

Luminous flux	500 lm
Rated lamp luminous flux	500 lm
Luminous flux	500 lm
Luminous intensity	850 cd
Beam angle	36 °
Efficacy	64 lm/W
Total mains efficacy	70 lm/W
Light colour	Neutral white
Color temperature	4000 K
Color coordinate X	0,379
Color coordinate Y	0,369
Color rendering index	≥ 90
Color rendering index nominal	97
Color Stability	≤ 3 sdc _m

Service Life

Average life	40000 h
Mean service life	40000 h
No. switching cycles	[100000]
Lamp survival factor at 6000h	≥ 0.90
Early failure rate at 1000h	≤ 5.0 %
Guarantee	5 years

Specification

Energylabel notice	current label, with EPREL registration
Energylabel (G -> A)	G

Specification

Diameter	51 mm
Length	46 mm
Length	46 mm
Burning position	any
Mercury content	0.0 mg
Material	Glass
Photobiological safety according to EN 62471	RG1
Lamp shape	Reflector
Base	GU5.3
Colour	Other

Notes on Operation

Degree of protection (IP)	IP20
Burning position	any
Mode of operation	LV transformer
Ambient temperatures	-20 ... +40 °C
With movement sensor	Nie

Information especially for EPREL

Energylabel notice	current label, with EPREL registration
Lighting technology	LED
Directional or non-directional light	DLS
Color tunable light source	Nie
Type of color temperature	SINGLE_VALUE
Color stability MacAdams EPREL	3
Displacement factor EPREL	0,7
Life factor EPREL	0,9
Lumen maintenance EPREL	0,7
Flicker	0.2
Stroboscopic effect	0.4
EPREL ID number	541555

Miscellaneous

Similar products	43819758, 43720054, 43518455
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All technical data without guarantee.