

RaLED Star low voltage retrofit RL AR111 75 DIM 12,5W/12/FL/827/G53

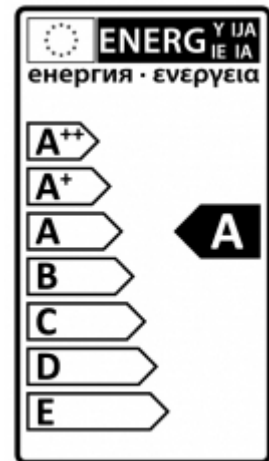
Logistic Data

Article No.	42719006
Code	RL AR111 75 DIM 12,5W/12/FL/827/G53
Product EAN	4008597190063
Customs tariff no.	85437090
Box quantity (pcs.)	6
EAN Box	4008597490064
Gross weight of box in kg	1.341
Length of box in m	0.28
Width of box in m	0.19
Height of box in m	0.13
Pieces per palette	1512
ETIM class	EC001959
ETIM class name	LED lamp / Multi-LED



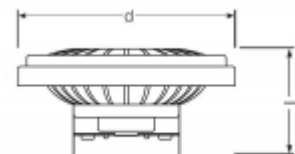
Electric Parameters

Lamp wattage	12.5 W
Rated wattage	12.5 W
Comparable Wattage incandescent lamp	75 W
Nominal current (A)	1,13
Nominal current	1130 mA
Nominal current (mA)	1130 mA
Power factor	0.92
Energy Consumption kWh/1000h	13,25
Nominal voltage from/ to	12 V



Light Application Parameters

Luminous flux	740 lm
Rated lamp luminous flux	740 lm
Luminous intensity	5000 cd
Angle of emission	24 °
Luminous efficiency	59.2 lm/W
Radium light colour	warmwhite
Colour temperature	2700 K
Colour rendering index Ra	80
Colour rendering group	80-89 (Klasse 1B)
Colour Stability	<=4 sdcn
Luminous flux in 90°-sector	740 lm



Service Life

Mean service life	45000 h
Info about service life	L70B50
No. switching cycles	1000000

Specification

Diameter max.	111 mm
Length max.	58.5 mm
Length	58.5 mm
Dimmable	true
Energylabel from 2013	A
Ignition time	0.0 s
Run up time = min. 60% luminous flux	0 s
Mercury content	0.0 mg
Base	G53
Lamp shape	reflector
Colour	white

Miscellaneous

Product brochure	LED Programme
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Notes:

Low voltage LED lamp for replacement of halogen lamps, dimmable with leading and trailing edge phase cut dimmers. In some cases, flickering or sounds may occur. LED light does not contain UV or IR radiation.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage. The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Notes

Base



G53
IEC/EN 60061-1
sheet 7004-134-1

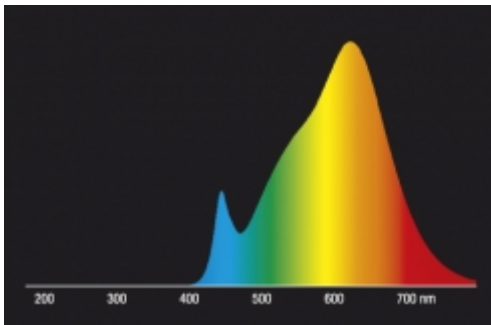
Spectrum

As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

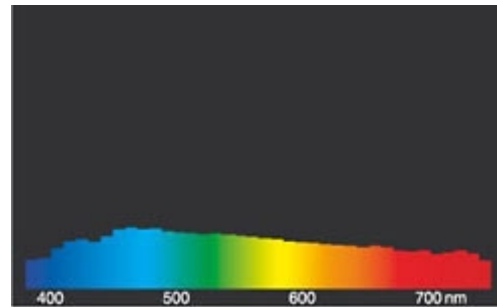
The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

White LEDs are either RGB (red + green + blue chip in one LED = light colour white) or blue LED-chips with yellow/orange phosphor in the resin.

Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm)per 10nm.



LED Retrofit reflector lamps AR111 827



daylight(D 65)

Special features



Please, dump as special waste, **no ordinary household waste!**

General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.



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