

# LED StarPlus Klassik A, Daylight Sensor

RL-A60 DL 8,5W/827/F/E27

# Radium

Product Datasheet Date: 25.11.2021



A+

G

8.5

806

2700K

25 000h

4  
YEARS  
GUARANTEE

## General Data

Article No.	43819363
Code	RL-A60 DL 827/F/E27
Product EAN	4008597193637
Customs tariff no.	85395000
Box quantity (pcs.)	10
EAN Box	4008597493638
Gross weight of box in kg	0.648
Length of box in m	0.327
Width of box in m	0.136
Height of box in m	0.141
ETIM class	EC001959
ETIM class name	LED-lamp/Multi-LED
Product status	<span style="color: green;">●</span> Active

## Electric Parameters

Nominal power	8.5 W
Rated wattage	9.0 W
Weighted energy consumption in 1,000 hours	9 kWh

## Electric Parameters

Power factor	>0,5
Nominal voltage	220-240 V
Mains voltage	220 - 240 V
Voltage type	AC
Nominal current (mA)	70 mA
max. no. of Lps with 16A (B) circuit breaker with ballast (ECG, CCG no capacitor) / at mains	45
max. no. of Lps with 10A (B) circuit breaker with ballast (ECG, CCG no capacitor) / at mains	30
dimnable	No

## Light Application Parameters

Rated lamp luminous flux	806 lm
Rated luminous flux acc. IEC 62722-2-1	806 lm
Luminous flux in 90°-sector	806 lm lm
Luminous flux in 120°-sector	806 lm lm
Beam angle	240 °
Luminous efficiency	89 lm/W
Colour temperature	2700 K
Colour rendering index Ra	≥ 80
Coloure rendering index Ra nominal	80-89
Colour Stability	≤ 6 sdc <sub>m</sub>

## Service Life

Mean service life	25000 h
Average nominal lifespan	25000 h
No. switching cycles	100000
Early failure rate at 1000h	≤ 5.0 %
Guarantee up to	4 years

## Specification

Energy Label A to G	G
Energylabel A++ to E	A+
Diameter	60 mm
Length max.	112,0 mm
Length	112 mm
Lamp shape	Pear-shape
Base	E27

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## Notes on Operation

Degree of protection (IP)	IP20
Ambient temperatures	-20...+40 °C

## Notes

Standard LED lamp with brightness sensor, for exchange with GLS lamps, frosted, non-dim, base E27. LED-light does not contain UV or IR radiation.

Please, refer to [www.radium.de/recycling](http://www.radium.de/recycling) for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal 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).

### Base



E27  
IEC/EN 60061-1  
sheet 7004-21-9

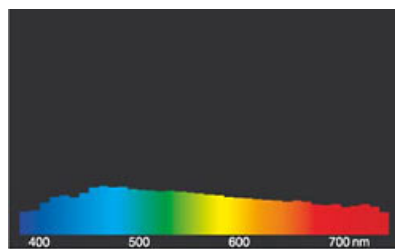
### Spectrum

Da das Tageslicht eine Mischung von direktem Sonnenlicht und Himmelslicht darstellt, wechselt seine spektrale Zusammensetzung bedingt durch Tageszeit und Wetter ständig. Die Normlichtart D65 entspricht einem Tageslicht mit einer Farbtemperatur von ungefähr 6500 K.

Bei farbigen LEDs hängt die Lichtfarbe von den chemischen Elementen des lichterzeugenden Chips ab. Das farbige Licht wird direkt erzeugt und entsteht nicht erst durch den Filter.

Weißer LEDs sind entweder RGB (roter + grüner + blauer Chip in einer LED = Lichtfarbe weiß) oder blaue LED-Chips mit gelb/orange Leuchtstoff in der Vergussmasse.

Sichtbarer Bereich von 380 bis 780 nm; Bildhöhe entspricht der relativen spektralen Emission (400mW/klm)pro 10nm.



daylight(D 65)

### Special features



### General notes

For LED replacement of halogen and incandescent lamps, we recommend direct replacement (1: 1) at the respective burning position. For new systems, the number of lamps in the circuit operated at control gear such as transformers or dimmers can be obtained from corresponding compatibility lists (if available). If there is no specification for the type of device or lamp required, for safety reasons, the replacement power shall be assumed as that of the original halogen type (eg "RL-MR16 35" -> 35W, independent of the real power consumption).

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

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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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## Safety instructions

To ensure full light efficiency and product life, the permissible temperature ranges must be observed and dry environment ensured. When operated with existing control gear, their compatibility with the lamp must be checked.

All technical data without guarantee.