

# LED Star Classic A, frosted

RL-A60 DIM 6,5W/230/F/827/E27

# Radium

Product Datasheet Date: 30.05.2026



A++



6.5



806



2700K



15 000h



Gradable



## General Data

|                             |  |
|-----------------------------|--|
| Code Radium                 | 43119424                                   |
| Désignation                 | RL-A60 DIM 827/F/E27                       |
| EAN 10 (unité)              | 4008597194245                              |
| Unité de transport (pièces) | 10   |
| EAN 40 (carton)             | 4008597494246                              |
| Poids brut du carton en kg  | 0.543                                      |
| Longueur box in m           | 0.32                                       |
| Largeur du carton en m      | 0.13                                       |
| Hauteur du carton en m      | 0.13                                       |
| Product weight              | 31 g                                       |
| Product status              | <span style="color: red;">●</span> Inactif |

## Electric Parameters

|   |           |
|---|-----------|
| Wattage                                   | 6.5 W     |
| Nominal power                             | 6.5 W     |
| Weighted energy consumption in 1000 hours | 7 kWh     |
| Lamp power                                | 6.5-6.5 W |
| Power factor                              | > 0,9     |

## Electric Parameters

|                      |             |
|----------------------|-------------|
| Nominal voltage      | 220-240 V   |
| Mains Voltage        | 220 - 240 V |
| Voltage type         | AC          |
| Nominal current      | 31-31 mA    |
| Nominal current (mA) | 31 mA       |
| dimnable             | Oui         |

## Light Application Parameters

|                                |                      |
|--------------------------------|----------------------|
| Rated lamp luminous flux       | 806 lm               |
| Beam angle                     | 320 °                |
| Efficacy / Luminous efficiency | 124 lm/W             |
| Total mains efficacy           | 124 lm/W             |
| Color temperature              | 2700 K               |
| Color rendering index          | ≥ 80                 |
| Color Stability                | ≤ 6 sdc <sub>m</sub> |

## Service Life

|                               |         |
|-------------------------------|---------|
| Average life                  | 15000 h |
| Mean service life             | 15000 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                           | old label, no EPREL registration, no EU data sheet |
| Energylabel (E -> A++)                       | A++  |
| Diameter                                     | 60 mm  |
| Length                                       | 105 mm   |
| Length                                       | 105 mm   |
| Burning position                             | any  |
| Mercury content                              | 0.0 mg   |
| Material                                     | Glass  |
| Photobiological safety according to EN 62471 | RG0  |
| Lamp shape                                   | Pear-shape   |
| Base   | E27  |

## Specification

|        |       |
|--------|-------|
| Colour | White |
|--------|-------|

## Notes on Operation

|                           |              |
|---------------------------|--------------|
| Degree of protection (IP) | IP20         |
| Burning position          | any          |
| Mode of operation         | 230 V        |
| Ambient temperatures      | -20...+40 °C |
| With movement sensor      | Non          |

## Information especially for EPREL

|                                      |  |
|--------------------------------------|--|
| Energylabel notice                   | old label, no EPREL registration, no EU data sheet |
| Lighting technology                  | LED  |
| Mains/Non mains connectable          | MLS  |
| Directional or non-directional light | NDLS   |
| Color tunable light source           | Non  |
| Type of color temperature            | SINGLE_VALUE                                       |
| Life factor EPREL                    | 0.9  |
| Lumen maintenance EPREL              | 0.93   |
| Flicker                              | 1.0  |
| Stroboscopic effect                  | 0.4  |

## Notes

Standard LED lamp for exchange with incandescent lamps, coated, dimmable, 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).

### Culot



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

### Courbes spectrales

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.

