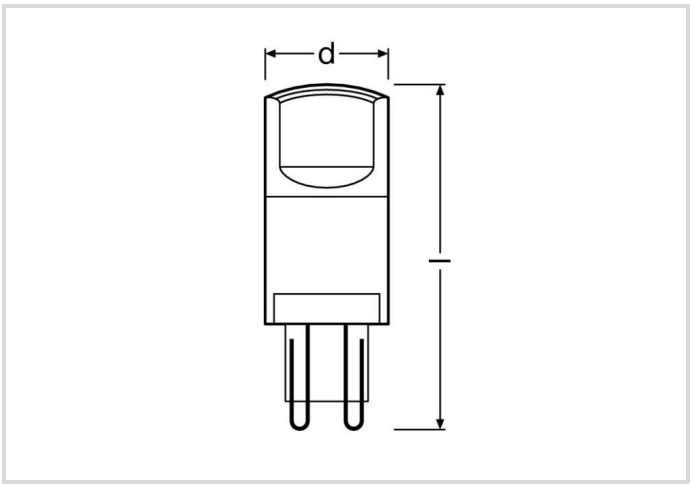
LED Star Pin
RL-PIN30 DIM 827/C/G9

Radium

Product Datasheet Date: 01.11.2026





F	3	320	2700K	25 000h	Dimmable	5 YEARS GUARANTEE

General Data

Article No.	43820786
Kod	RL-PIN30 DIM 827/C/G9
Product EAN	4008597207860
Box quantitiy (pcs.)	20
EAN Box	4008597507861
Gross weight of box in kg	0.296
Length of box in m	0.15
Width of box in m	0.122
Height of box in m	0.077
Product weight	8 g
Product status	Nieaktywne

Electric Parameters

Wattage	3.0 W
Nominal power	3.0 W
Weighted energy consumption in 1000 hours	3 kWh
Lamp power	3.0-3.0 W
Power factor	> 0.4

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Electric Parameters

Power factor	0,4
Nominal voltage	220-240 V
Voltage type	AC
Nominal current	15-15 mA
Nominal current (mA)	15 mA
Inrush current	0,125 A
max. no. of lamps at 10A-B10 automatic fuse	240
max. no. of lamps at 16A-B16 automatic fuse	384
dimmable	Tak

Light Application Parameters

Luminous flux	320 lm
Rated lamp luminous flux	320 lm
Luminous flux	320 lm
Beam angle	300 °
Efficacy / Luminous efficiency	107 lm/W
Total mains efficacy	107 lm/W
Color temperature	2700 K
Color coordinate X	0.458
Color coordinate Y	0.410
Color rendering index	≥ 80
Color rendering index nominal	80
Color Stability	≤ 6 sdcm

Service Life

Average life	25000 h
Tc Temperature max.	90 °C
Mean service life	25000 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)	F

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Specification

Diameter	16 mm
Length	52 mm
Length	52 mm
Burning position	any
Mercury content	0.0 mg
Photobiological safety according to EN 62471	RG1
Lamp shape	Capsule
Base	G9
Colour	White

Notes on Operation

IP Class (Room/Ceiling)	IP 20
Burning position	any
Mode of operation	230 V
Ambient temperatures	-20 … +40 °C
Tc Temperature max.	90 °C
With movement sensor	Nie

Information especially for EPREL

Energylabel notice	current label, with EPREL registration
Lighting technology	LED
Mains/Non mains connectable	MLS
Color tunable light source	Nie
Color rendering index R9	1
Color stability MacAdams EPREL	6
Displacement factor EPREL	0.70
Life factor EPREL	0.90
Lumen maintenance EPREL	0.70
Flicker	1.0
Stroboscopic effect	0.4
EPREL ID number	1638170

Miscellaneous

Similar products	43419829, 43420569, 22319460

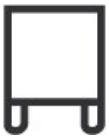
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Notes

LED PIN, LED lamp for exchange with Ralopin halogen lamps, dimmable, base G9. 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 "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal 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).

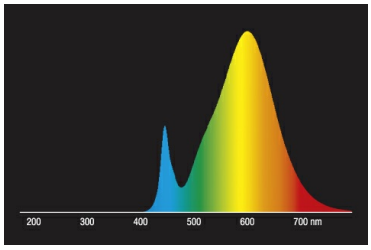
Base



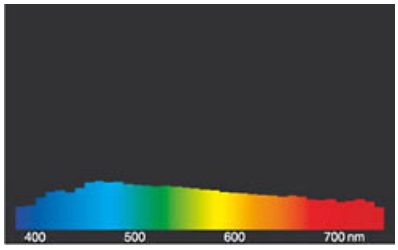
G9
IEC/EN 60061-1
sheet 7004-129-1

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 pin lamps 2700K



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 taht 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 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.
® = Registered trademark
Subject to change without notice. Errors and omissions excepted.

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.

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All technical data without guarantee.