

# LED Star PAR16

RL PAR16 35 DIM 3,3W/230/WFL/840/GU10

# Radium

Product Datasheet Date: 05.06.2026



A+



230



4000K



25 000h



Dimmable



## General Data

Article No.	42919037
Codice	RL PAR16 35 DIM 3,3W/230/WFL/840/GU10
Product EAN	4008597190377
Box quantity (pcs.)	10
EAN Box	4008597490378
Gross weight of box in kg	0.502
Length of box in m	0.27
Width of box in m	0.11
Height of box in m	0.08
Product weight	36 g
Product status	<span style="color: red;">●</span> Inattivo

## Electric Parameters

Wattage	3.3 W
Weighted energy consumption in 1000 hours	4 kWh
Lamp power	3.3-3.3 W
Power factor	0.83
Nominal voltage	220-240 V

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## Electric Parameters

Mains Voltage	220 - 240 V
Voltage type	AC
Nominal current	17-17 mA
Nominal current (mA)	17 mA
dimmable	Si

## Light Application Parameters

Rated lamp luminous flux	230 lm
Luminous flux in 90°-sector	230 lm
Beam angle	36 °
Luminous intensity	565 cd
Efficacy / Luminous efficiency	69.7 lm/W
Total mains efficacy	69.7 lm/W
Color temperature	4000 K
Color rendering index	≥ 80
Color Stability	≤ 5 sdcn

## Service Life

Average life	25000 h
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	old label, no EPREL registration, no EU data sheet
Energylabel (E -> A++)	A+
Diameter	50 mm
Length	58 mm
Length	58 mm
Burning position	any
Mercury content	0.0 mg
Photobiological safety according to EN 62471	RG1
Lamp shape	Reflector
Base	GU10

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## Specification

Colour	White
Housing colour	Other

## Notes on Operation

protection class (IP)	IP20
Burning position	any
Mode of operation	230 V
Ambient temperatures	-20...+40 °C
With movement sensor	No

## 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	DLS
Color tunable light source	No
Type of color temperature	SINGLE_VALUE
Life factor EPREL	0.9
Lumen maintenance EPREL	0.93
Flicker	1.0
Stroboscopic effect	0.4

## Notes

PAR16-LED for exchange with halogen lamps, neutral white light, plastic body, dimmable, base GU10. 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



GU10  
IEC/EN 60061-1  
sheet 7004-121-1

### 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.

