

RaLED Essence PAR16 RL PAR16 50 4,3W/230/WFL/827/GU10

Logistic Data

Article No.	43019062
Code	RL PAR16 50 4,3W/230/WFL/827/GU10
Product EAN	4008597190629
Customs tariff no.	85395000
Box quantity (pcs.)	10
EAN Box	4008597490620
Gross weight of box in kg	0.545
Length of box in m	0.26
Width of box in m	0.11
Height of box in m	0.07
Pieces per palette	7040
ETIM class	EC001959
ETIM class name	LED lamp / Multi-LED
Old article no.	42618210

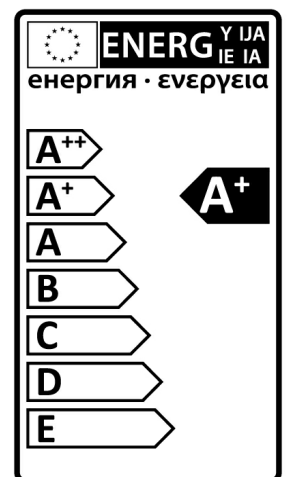


Electric Parameters

Lamp wattage	4.3 W
Rated wattage	4.3 W
Comparable Wattage incandescent lamp	50 W
Nominal current	45 mA
Nominal current (mA)	32 mA
Power factor	0.58
Energy Consumption kWh/1000h	CC023273

Light Application Parameters

Luminous flux	350 lm
max. luminous flux at	CC000690
Rated lamp luminous flux	350 lm
Luminous intensity	750 cd
Angle of emission	36 °
Luminous efficiency of lamp	81,4
Colour temperature	2700 K
Colour rendering index Ra	>= 80
Colour rendering group	80-89 (Klasse 1B)
Colour Stability	<=6 sdcn
Luminous flux in 90°-sector	350 lm



Service Life

Mean service life	15000 h
No. switching cycles	100000

Specification

Diameter max.	51 mm
Length max.	55 mm
Length	55 mm
Dimmable	No
Energylabel from 2013	A+
Ignition time	< 0.5 s
Run up time = min. 60% luminous flux	1.0 s
Mercury content	0.0 mg
Base	GU10
Lamp shape	reflector
Design glass	clear

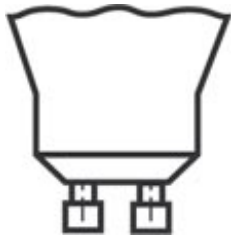
Notes

LED-PAR16 reflector lamp for exchange with halogen lamps, not dimmable. 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



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

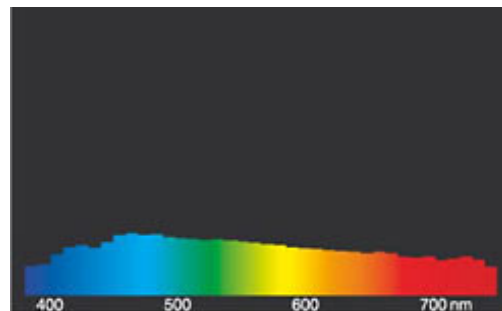
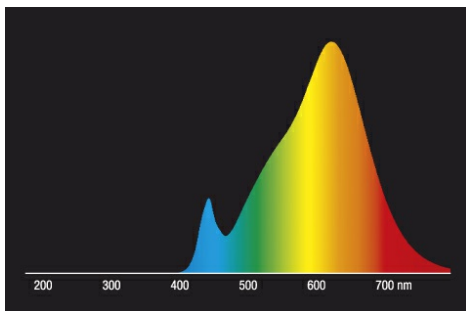
Spectrum

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.

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



LED Retrofit reflector lamps MR16 / PAR 16 2700K 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 (clefs) 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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