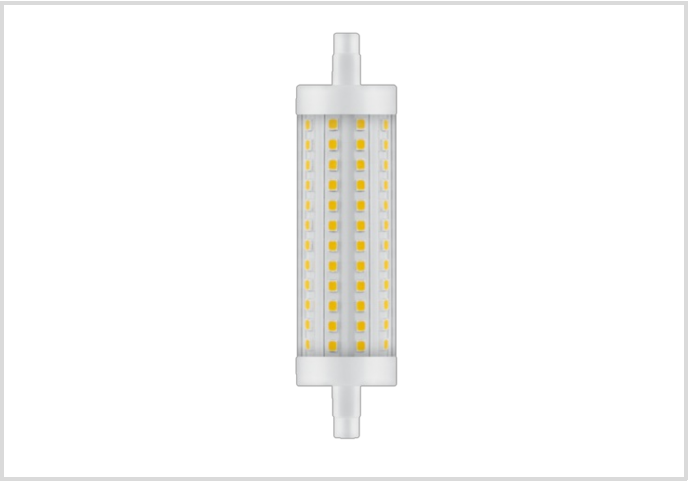
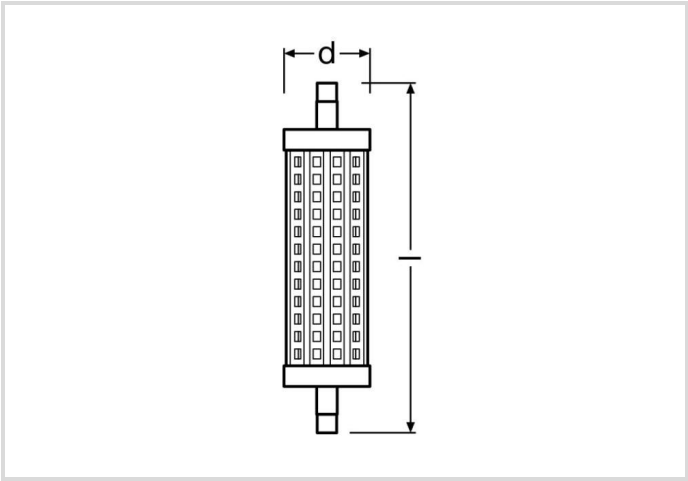
LED Essence tubular shape, R7s

RL-TS 100 12,5W/230/C/827/R7S

Radium

Product Datasheet Date: 10.11.2026





A++	E	12,5	1521	2700K	15 000h

General Data

Artikel Nr.	43219496
Bestellzeichen	RL-TS 100 827/C/R7S
EAN-Faltschachtel	4008597194962
Versandeinheit in Stk.	20
EAN Umkarton (Versandeinheit)	4008597494963
Brutto-Gewicht Versandeinheit in kg	1.42
Länge Versandeinheit in m	0.161
Breite Versandeinheit in m	0.132
Höhe Versandeinheit in m	0.128
Product weight	58 g
Produktstatus	Auslaufprodukt

Electric Parameters

Wattage	12.5 W
Nominal power	12.5 W
Weighted energy consumption in 1000 hours	13 kWh
Lamp power	12.5-12.5 W
Power factor	0.50

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Electric Parameters

Power factor	0.5
Nominal voltage	220-240 V
Mains Voltage	220 - 240 V
Voltage type	AC
Nominal current	100-100 mA
Nominal current (mA)	100 mA
max. no. of lamps at 10A-B10 automatic fuse	43
max. no. of lamps at 16A-B16 automatic fuse	69
dimmable	Nein

Light Application Parameters

Luminous flux	1521 lm
Rated lamp luminous flux	1521 lm
Luminous flux	1521 lm
Luminous flux in 90°-sector	1521 lm
Beam angle	300 °
Luminous intensity	200 cd
Efficacy / Luminous efficiency	122 lm/W
Total mains efficacy	122 lm/W
Color temperature	2700 K
Color rendering index	≥ 80
Color Stability	≤ 6 sdcm

Service Life

Average life	15000 h
Tc Temperature max.	97 °C
Mean service life	15000 h
Lifetime L70B50	15000 h
No. switching cycles	100000
Lamp survival factor at 6000h	≥ 0.90
Early failure rate at 1000h	≤ 5.0 %

Specification

Energylabel notice	old label, no EPREL registration, no EU data sheet
Energylabel (G -> A)	E
Energylabel (E -> A++)	A++

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Specification

Diameter	29 mm
Length	118 mm
Length	78 mm
Contact distance l	114.2 mm
Burning position	any
Mercury content	0.0 mg
Lamp shape	Tube, double-ended
Base	R7s
Colour	White

Notes on Operation

IP Class (Room/Ceiling)	IP20
Burning position	any
Mode of operation	230 V
Ambient temperatures	-20…+40 °C
Tc Temperature max.	97 °C
With movement sensor	Nein

Information especially for EPREL

Energylabel notice	old label, no EPREL registration, no EU data sheet
Lighting technology	LED
Color stability MacAdams EPREL	6
Life factor EPREL	0.9
Lumen maintenance EPREL	0.93
EPREL ID number	1426738

Miscellaneous

Similar products	43820788, 22315973

Notes

LED tubular lamp for exchange with halogen lamps, warm white light, not dimmable, base R7s. 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).

Sockelübersicht
R7s
IEC/EN 60061-1

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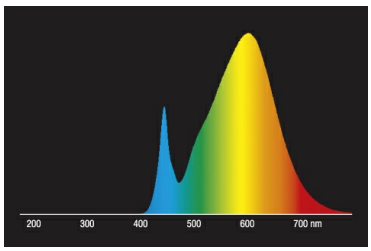
Radium

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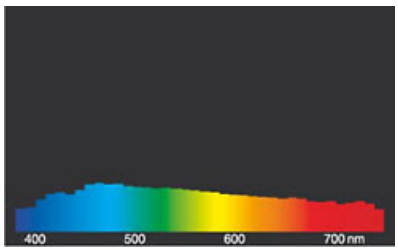


Spektrale Strahlungsverteilung

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.

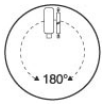


LED-Retrofit-Lamps 2700K



daylight(D 65)

Besonderheiten









Allgemeine Hinweise

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.

Sicherheitshinweise

To ensure full light efficiency and product life, it is recommended to remove the glass or cover of the luminaire. When operated with existing control gear, their compatibility with the lamp must be checked.

All technical data without guarantee.