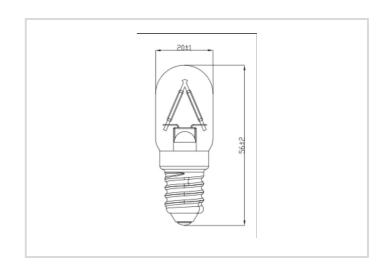
# **LED tubular lamp** RL-T20 15 827/C/E14 FIL



Product Datasheet Date: 05.11.2025











136





2700K

15 000h

#### **General Data**

Artikel Nr.	43919881
Bestellzeichen	RL-T20 15 827/C/E14 FIL
EAN-Faltschachtel	4008597198816
Versandeinheit in Stk.	20
EAN Umkarton (Versandeinheit)	4008597498817
Brutto-Gewicht Versandeinheit in kg	0.4
Länge Versandeinheit in m	0.21
Breite Versandeinheit in m	0.09
Höhe Versandeinheit in m	0.167
Product weight	8 g
Produktstatus	Aktiv

## **Electric Parameters**

Wattage	1.5 W
Nominal power	1.5 W
Weighted energy consumption in 1000 hours	2 kWh
Lamp power	1.5 W
Nominal voltage	220-240 V

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## **Electric Parameters**

Voltage type	AC
Nominal current	12 mA
Nominal current (mA)	12 mA
Inrush current	1,34 A
max. no. of lamps at 10A automatic fuse	587
max. no. of lamps at 16A automatic fuse	939

# **Light Application Parameters**

Luminous flux	136 lm	
Rated lamp luminous flux	136 lm	
Luminous flux	136 lm	
Beam angle	270 °	
Efficacy	91 lm/W	
Total mains efficacy	91 lm/W	
Color temperature	2700 K	
Color coordinate X	0,458	
Color coordinate Y	0.410	
Color rendering index	≥ 80	
Color Stability	≤ 6 sdcm	

## **Service Life**

Average life	15000 h
Mean service life	15000
Min. number of switching cycles	20000

# **Specification**

Energylabel (G -> A)	F
Diameter	20 mm
Length	56 mm
Length	56 mm
Burning position	any
Mercury content	0.0 mg
Photobiological safety according to EN 62471	RG0
Lamp shape	Tube, single-ended
Base	E14
Colour	White

# **LED tubular lamp**

RL-T20 15 827/C/E14 FIL



#### **Notes on Operation**

Degree of protection (IP)	IP20
Burning position	any
Mode of operation	230 V
Ambient temperatures	-20+40 °C

#### Information especially for EPREL

Lighting technology	LED
Mains/Non mains connectable	MLS
Directional or non-directional light	NDLS
Color tunable light source	Nein
Type of color temperature	SINGLE_VALUE
Color stability MacAdams EPREL	6
Displacement factor EPREL	0,4
Flicker	1.0
Stroboscopic effect	0.4
EPREL ID number	1606494

#### **Notes**

Tubular LED lamp for exchange with mini incandescent lamps, base E14. LED light does not contain UV or IR radiation.

 $\label{eq:please} \textit{Please, refer to} \ \underline{\textit{www.radium.de/recycling}} \ \text{for notes on disposal of burned-out lamps as well as lamp breakage}.$ 

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



E14 IEC/EN 60061-1 sheet 7004-23-6

#### 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.

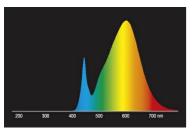
The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

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.

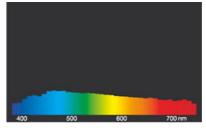
# LED tubular lamp

RL-T20 15 827/C/E14 FIL





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, 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.

All technical data without guarantee.