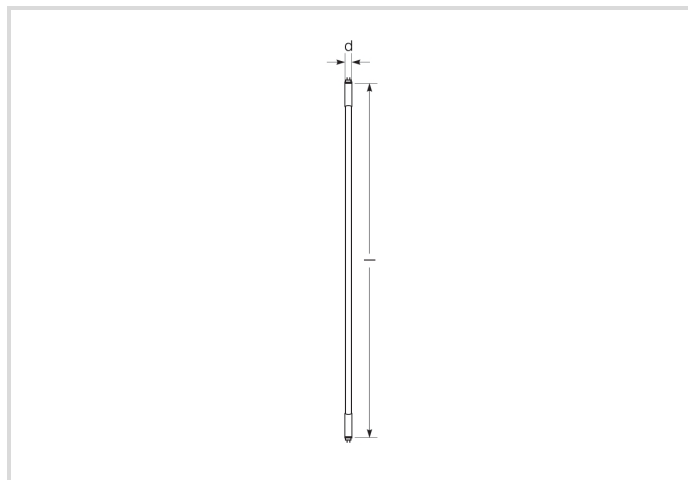


# LED Star T5-RetroFit universal

RL-T5 28 HE 17W/840/G5 UN

# Radium

Product Datasheet Date: 04.10.2021



A++



17



2600




4000K



60 000h



## General Data

Article No.	43519546
Code	RL-T5 28 HE 840/G5 UN
Product EAN	4008597195464
Customs tariff no.	85395000
Box quantity (pcs.)	10
EAN Box	4008597495465
Gross weight of box in kg	2.098
Length of box in m	1.22
Width of box in m	0.15
Height of box in m	0.08
ETIM class	EC001959
ETIM class name	LED-lamp/Multi-LED
Product status	 Inactive

## Electric Parameters

Nominal power	17 W
Rated wattage	17.0 W
Weighted energy consumption in 1,000 hours	17 kWh

Electric Parameters

Power factor	≥ 0.9
Nominal voltage	220-240 V
Mains Voltage	220 - 240 V
Voltage type	AC
Nominal current (mA)	76 mA
Inrush current	26.6 A
Period of inrush current	20
max. no. of Lps with 16A (B) circuit breaker with ballast (ECG, CCG no capacitor) / at mains	59
max. no. of Lps with 10A (B) circuit breaker with ballast (ECG, CCG no capacitor) / at mains	36
dimmable	No

Light Application Parameters

Rated lamp luminous flux	2600 lm
Beam angle	160 °
Luminous efficiency	152,94 lm/W
Colour temperature	4000 K
Colour rendering index Ra	≥ 80
Colour Stability	≤ 5 sdcm

Service Life

Mean service life	60000 h
Average nominal lifespan	60000 h
No. switching cycles	200000
Lamp survival factor at 6000h	≥ 0.90
Early failure rate at 1000h	≤5.0%
Guarantee up to	5 years

Specification

Energylabel A++ to E	A++
Diameter	22 mm
Length max.	1149 mm
Length	1149 mm
Mercury content	0.0 mg
Lamp shape	Tube, double-ended
Base	G5
Material	Glass

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## Specification

Colour	White
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## Notes on Operation

Degree of protection (IP)	IP20
Mode of operation for LED-Tubes	ECG-230 V
Range of storage temperature	-20...+80 °C
Ambient temperatures	-20 ... +50°C

## Notes

T5 tubular LED lamp for exchange with fluorescent lamps, neutral white light, glass bulb, non-dim, base G13. Operation with suitable ECG or at 230V.

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



G5  
IEC/EN 60061-1  
sheet 7004-52-5

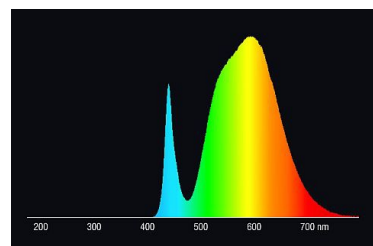
### Spectrum

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.

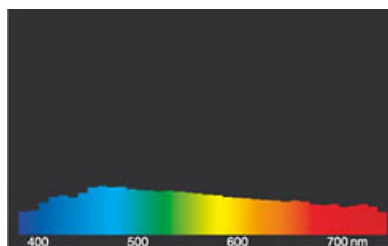
The colour of coloured LEDs depends on the chemical elements within the light generating chip. The coloured light is generated directly and does not need filtering.

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 tube lamps for fluorescent lamps 4000K



daylight(D 65)

### Special features



### General notes

Please note the installation instructions when replacing fluorescent lamps with LED tubes. Some LED lamp types are only suitable for 1: 1 replacement at the respective burning position: with CCG by using the enclosed starter, with ECG with compatible control gear. Others can be

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operated directly on 230V (conversion of the luminaire), others again can 'do' CCG as well as 230V or all 3 variations. LED tubes are not dimmable.

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.

® = 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.

All technical data without guarantee.