Product Datasheet Date: 05/01/2016

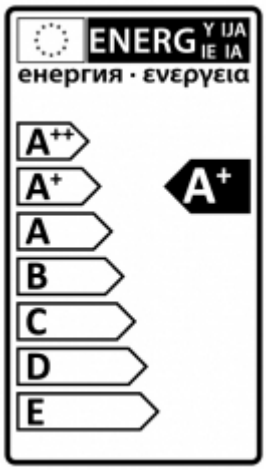
RaLED T8-RetroFit RL-T8 S 18 8,9W/840/G13 HF

Logistic Data

Article No.	42918103
Code	RL-T8 18 S 8,9W/840/G13 HF
Product EAN	4008597181030
Customs tariff no.	85437090
Box quantitiy (pcs.)	25
EAN Box	4008597481031
Gross weight of box in kg	3.814
Length of box in m	0.73
Width of box in m	0.17
Height of box in m	0.18
Pieces per palette	1600
ETIM class	EC001959
ETIM class name	LED lamp / Multi-LED

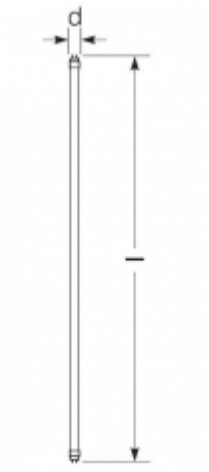
Electric Parameters

Lamp nominal wattage	8.9 W
Rated wattage	8.9 W
Nominal current (mA)	340 mA
Power factor	> 0,9
Energy Consumption kWh/1000h	10.97



Light Application Parameters

Luminous flux	1100 lm
Rated lamp luminous flux	1100 lm
Angle of emission	160 °
Luminous efficiency	123.6 lm/W
Colour temperature	4000 K
Colour rendering index Ra	> 80
Colour rendering group	80-89 (Klasse 1B)
Colour Stability	<=6 sdcm



Service Life

Mean service life	50000 h
No. switching cycles	200000

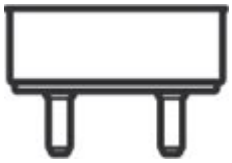
Specification

Diameter max.	28 mm
Length max.	590 mm
Length	590 mm
Dimmable	false
Energylabel from 2013	A+
Ignition time	< 0.5 s
Run up time = min. 60% luminous flux	< 2.0 s
Mercury content	0.0 mg
Base	G13
Lamp shape	Tube
Colour	white
Ambient temperatures	-20 ... +45°C

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

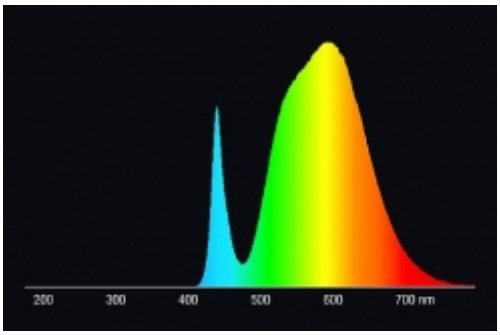
Base



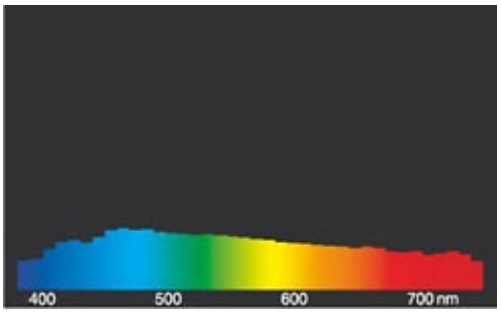
G13
IEC/EN 60061-1
sheet 7004-51-8

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 4000K



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 (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.
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All technical data without guarantee.