

# Compact fluorescent lamp Ralux® Long RX-L 18W/827/2G11

## Logistic Data

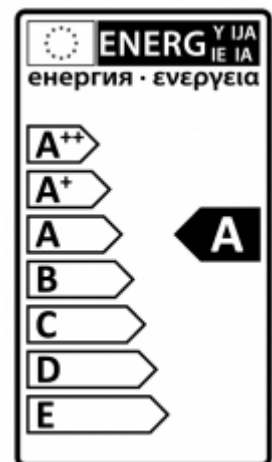
Article No.	31315201
Code	RX-L 18W/827/2G11
Product EAN	4008597152016
Customs tariff no.	85393190
Box quantity (pcs.)	10
EAN Box	4008597452017
Gross weight of box in kg	1.04
Length of box in m	0.26
Width of box in m	0.15
Height of box in m	0.11
Pieces per palette	4050
EAN Palett	4008597652011
ETIM class	EC000087
ETIM class name	Compact fluorescent lamp non integrated

## Electric Parameters

Lamp nominal wattage	18 W
Rated wattage	18.0 W
Mains voltage	230 V
Compensation capacitor for 50Hz operation	4.2 µF
Energy Consumption kWh/1000h	20

## Light Application Parameters

Luminous flux	1200 lm
max. luminous flux at	25 °C
Rated lamp luminous flux	1200 lm
Luminous efficiency of lamp	66.67 lm/W
Radium light colour	Intra
Colour temperature	2700 K
Colour rendering index Ra	80-89
Colour rendering group	80-89 (Klasse 1B)
Mean luminance	2.1



## Service Life

Mean service life	20000 h
Info about service life	3B50, HF
Lamp survival factor at 2000h	0.99
Lamp survival factor at 4000h	0.99
Lamp survival factor at 6000h	0.99
Lamp survival factor at 8000h	0.99
Lamp survival factor at 12000h	0.95
Lamp survival factor at 16000h	0.81
Lamp survival factor at 20000h	0.50
Lumen maintenance at 2000h	0.93
Lumen maintenance at 4000h	0.90
Lumen maintenance at 6000h	0.88
Lumen maintenance at 8000h	0.86
Lumen maintenance at 12000h	0.84
Lumen maintenance at 16000h	0.81
Lumen maintenance at 20000h	0.80
Operation mode for LLMF/LSF	HF
No. switching cycles	>50000

## Specification

Diameter max.	38 mm
Length max.	217 mm
dimmbable	ja
Energylabel from 2013	A
Suitable for indoors	Yes
Mercury content	1.7 mg
Base	2G11 (4-pins)
no. of tubes	1
Colour	other

## Notes on Operation

Starter / Ignitor	EVG ; Starter
Ignition assured down to about (°C)	-15
Suitable for electronic control gear	Yes
Operation with ECG	+
Serial connection possible	+
without starter and capacitor	+

## Miscellaneous

EU Directive	TIM
ILCOS name	FSD-18/827-E-2G11
LBS name	TC-LEL 18W/827 2G11

### Notes:

Compact fluorescent lamp Ralux® Long for operation with ECG

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.

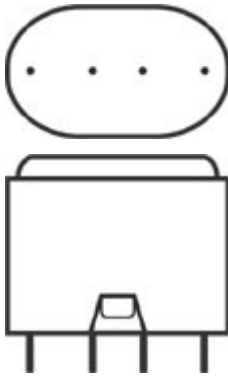
The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control

gear (high frequency).



## Notes

## Base



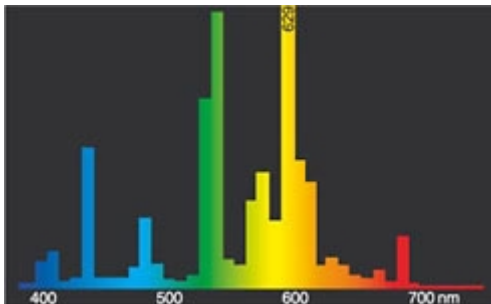
2G11  
IEC/EN 60061-1  
sheet 7004-82-1

## Spectrum

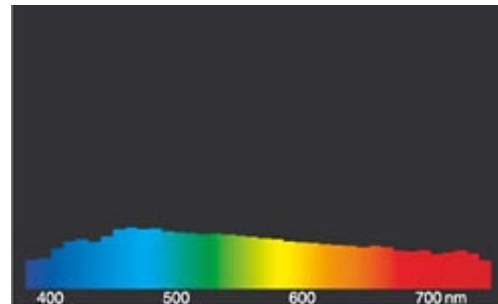
Natural daylight is a mixture of direct sunlight and the light of the sky. Therefore, its spectral composition changes permanently due to the changing time of day. The standardised light classification D65 corresponds to a daylight with a colour temperature of approximately 6500 K.

Every fluorescent lamp type has got an individual spectral power distribution according to its phosphor coating inside the bulb. From this result important properties light colour or colour rendering.

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



light colour 827 Spectralux® Intra (41)



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. Subject to change without notice. Errors and omissions excepted. ® = Registered trademark

All technical data without guarantee.