Product Datasheet Date: 18/07/2016

LED linear lamp, opal RL-RAL2 120 DIM 16,5W/230/827/O/S14S

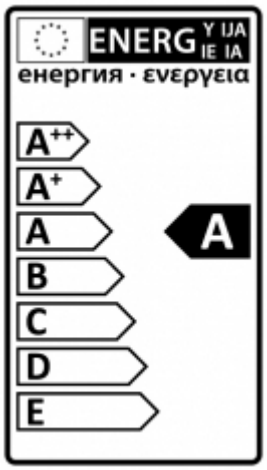
Logistic Data

Article No.	42514774
Code	RL-RAL2 120 DIM 16,5W/230/827/O/S14S
Product EAN	4008597147746
Customs tariff no.	85437090
Box quantitiy (pcs.)	5
EAN Box	4008597447747
Gross weight of box in kg	2.5
Length of box in m	1.1
Width of box in m	0.28
Height of box in m	0.1
Pieces per palette	240
ETIM class	EC001959
ETIM class name	LED lamp / Multi-LED



Electric Parameters

Lamp wattage	16.5 W
Rated wattage	16.5 W
Comparable Wattage incandescent lamp	120 W
Mains voltage	230 V
Nominal current	72 mA
Nominal current (mA)	80 mA
Power factor	> 0,7
Energy Consumption kWh/1000h	16.5
Nominal voltage from/ to	230 V



Light Application Parameters

Luminous flux	1000 lm
Rated lamp luminous flux	1000 lm
Angle of emission	200 °
Luminous efficiency	55.56 lm/W
Radium light colour	warmwhite
Colour temperature	2700 K
Colour rendering index Ra	80
Colour rendering group	80-89 (Klasse 1B)
Colour Stability	<=5 sdcm



Service Life

Mean service life	20000 h
Info about service life	L70B50
No. switching cycles	50000

Specification

Diameter max.	29 mm
Length max.	1000 mm
Length	1000 mm
Dimmable	Yes
Energylabel from 2013	A
Ignition time	0 s
Run up time = min. 60% luminous flux	0 s
Mercury content	0.0 mg
Base	other
Lamp shape	Tube
Colour	white
Design glass	opal

Miscellaneous

Product brochure	LED Programme

Notes:

RaLEDina linear lamp with LED inside for 1:1 replacement of Ralina/
Kristallina® (incandescent). 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 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

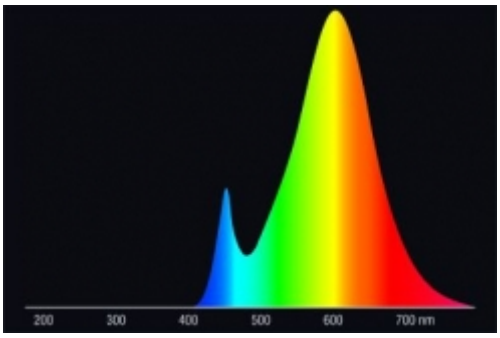
Base



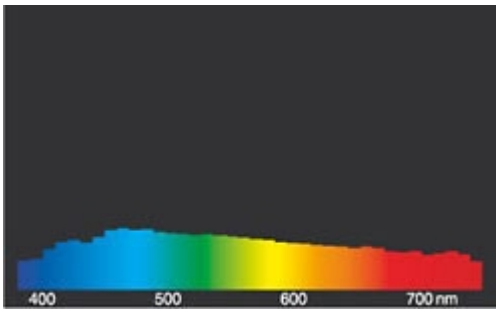
S14s
IEC/EN 60061-1
sheet 7004-112-1

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.



RaLEDina: LED retrofit for Linear incandescent lamp 2700K



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.