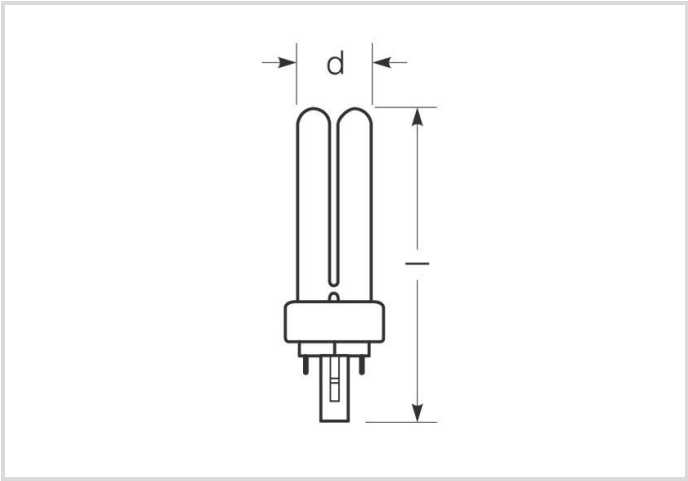
# Compact fluorescent lamp Ralux® Duo
RX-D 18W/840/G24D

Radium

Product Datasheet Date: 04.11.2026






| G | 1200 | 4000K | 10 000h |
|---|---|---|---|

## General Data

| | |
|---|---|
| Article No. | 31317924 |
| Code | RX-D 18W/840/G24D |
| Product EAN | 4008597179242 |
| Box quantitiy (pcs.) | 10 |
| EAN Box | 4008597479243 |
| Gross weight of box in kg | 0.585 |
| Length of box in m | 0.187 |
| Width of box in m | 0.081 |
| Height of box in m | 0.175 |
| Product weight | 39 g |
| Product status | Inactive |

## Electric Parameters

| | |
|---|---|
| Wattage | 18.8 W |
| Lamp nominal wattage | 18 W |
| Weighted energy consumption in 1000 hours | 19 kWh |
| Lamp voltage | 100 V |
| Mains voltage | 230 V |

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## Electric Parameters

| | |
|---|---|
| Compensation capacitor for 50Hz operation | 2.2 µF |

## Light Application Parameters

| | |
|---|---|
| Luminous flux | 1200 lm |
| Rated lamp luminous flux | 1200 lm |
| max. luminous flux at | 25 °C |
| Efficacy / Luminous efficiency | 64 lm/W |
| Light colour | white |
| Code of light color | 840 |
| Colour temperature | 4000 K |
| Color coordinate X | 0.380 |
| Color coordinate Y | 0.380 |
| Color rendering index | ? 80 |
| Mean luminance | 4.5 |
| Lumen maintenance at 2000h | 0.85 |
| Lumen maintenance at 4000h | 0.78 |
| Lumen maintenance at 6000h | 0.76 |
| Lumen maintenance at 8000h | 0.75 |

## Service Life

| | |
|---|---|
| Average life | 10000 h |
| Lamp survival factor at 2000h | 0.99 |
| Lamp survival factor at 4000h | 0.99 |
| Lamp survival factor at 6000h | 0.95 |
| Lamp survival factor at 8000h | 0.81 |

## Specification

| | |
|---|---|
| Energylabel notice | current label, with EPREL registration |
| Energylabel (G -> A) | G |
| Diameter | 27 mm |
| Length | 154 mm |
| Total length max. | 154 mm |
| Length | 153 mm |
| Mercury content | 1.4 mg |
| Base | G24d-2 |
| Colour | White |

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## Notes on Operation

| | |
|---|---|
| Ambient temperatures | -5 … +40 °C |

## Information especially for EPREL

| | |
|---|---|
| Energylabel notice | current label, with EPREL registration |
| EPREL ID number | 541275 |

## Miscellaneous

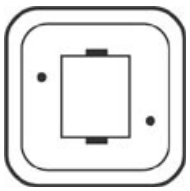
| | |
|---|---|
| EU-date of phase-out | 25.02.2023 |
| EU Directive | RoHS |
| Similar products | 31319827, 43420564 |

## Notes

Compact fluorescent lamp, light colour 840, high luminous efficiency, good colour rendering, long life, base G24q. Controllable by Dim-ECG.

Please, refer to 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 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).

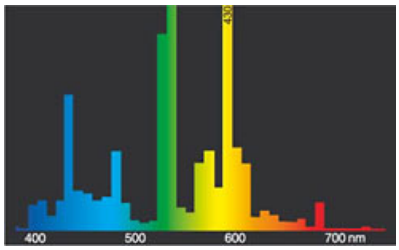
**Base**



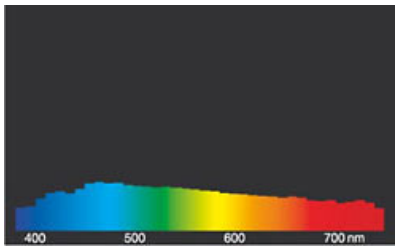
G24d
IEC/EN 60061-1
sheet 7004-78-5

**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 840 Spectralux® white (21)




daylight(D 65)

**Special features**

# Compact fluorescent lamp Ralux® Duo

RX-D 18W/840/G24D

Radium



**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.**