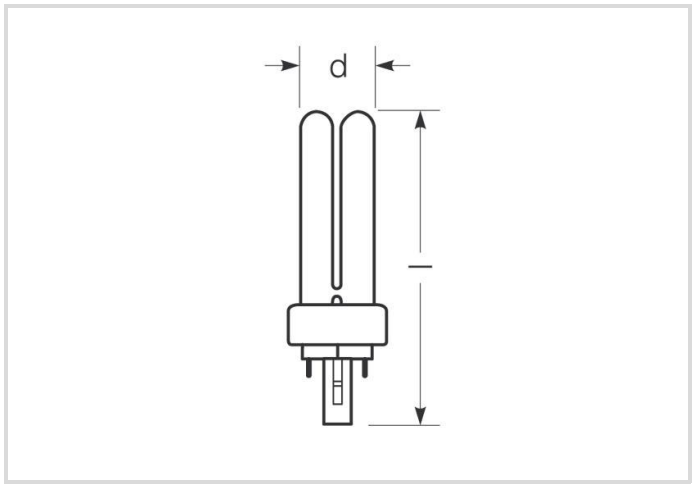
LED EssenceDuo - Retrofit f. Ralux Duo

RL-DUO18 830/G24D/G24Q-2

Radium

Product Datasheet Date: 10.11.2026





E	7	3000K	30 000h

General Data

Artikel Nr.	43520622
Bestellzeichen	RL-DUO18 830/G24D/G24Q EM
EAN-Faltschachtel	4008597206221
Versandeinheit in Stk.	10
EAN Umkarton (Versandeinheit)	4008597406225
Brutto-Gewicht Versandeinheit in kg	0.795
Länge Versandeinheit in m	0.218
Breite Versandeinheit in m	0.092
Höhe Versandeinheit in m	0.171
Product weight	62 g
Produktstatus	Aktiv

Electric Parameters

Wattage	7.0 W
Nominal power	7.0 W
Weighted energy consumption in 1000 hours	7 kWh
Lamp power	7.0 W
Power factor	0.9

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Electric Parameters

Nominal voltage	220-240 V
Voltage type	AC
Nominal current	34 mA
Nominal current (mA)	34 mA
Inrush current	15 A
max. no. of lamps at 10A-B10 automatic fuse	182
max. no. of lamps at 16A-B16 automatic fuse	290
dimmable	Nein

Light Application Parameters

Luminous flux	810 lm
Rated luminous flux according to IEC 62612	810 lm
Luminous flux	810 lm
Beam angle	280 °
Efficacy / Luminous efficiency	116 lm/W
Total mains efficacy	116 lm/W
Color temperature	3000 K
Color coordinate X	0.434
Color coordinate Y	0.403
Color rendering index	≥ 80
Color Stability	≤ 5 sdcm

Service Life

Average life	30000 h
Mean service life	30000
Lifetime L70B50	30000 h
Min. number of switching cycles	20000
Guarantee	3 years

Specification

Energylabel (G -> A)	E
Diameter	34 mm
Length	146 mm
Length	146 mm
Burning position	any
Photobiological safety according to EN 62471	RG0

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Specification

Lamp shape	Tube, single-ended
Base	G24d
Material	Glass
Colour	White

Notes on Operation

IP Class (Room/Ceiling)	IP20
Burning position	any
Mode of operation	CCG, 230V
Ambient temperatures	-20 … +45 °C
With movement sensor	Nein

Information especially for EPREL

Lighting technology	LED
Mains/Non mains connectable	MLS
Directional or non-directional light	NDLS
Color tunable light source	Nein
Type of color temperature	SINGLE_VALUE
Color stability MacAdams EPREL	5
Displacement factor EPREL	0,9
Life factor EPREL	0.9
Lumen maintenance EPREL	0.96
Flicker	1.0
Stroboscopic effect	0.4
EPREL ID number	2214081

Miscellaneous

Similar products	43520623

Notes

LED compact lamp for replacement with Ralux Duo, warm white light, glass bulb, not dimmable, fits in lamp holder for base G24d and G24q.

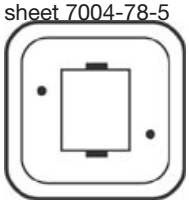
Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal field 'info about service life' contains 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).

Sockelübersicht
G24d
IEC/EN 60061-1

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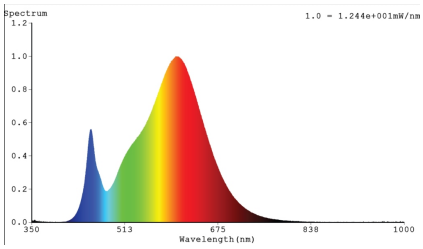
RL-DUO18 830/G24D/G24Q-2

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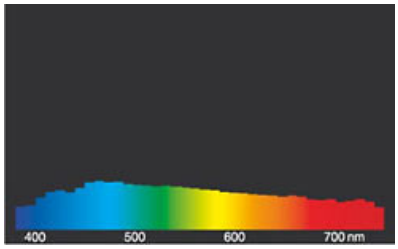


Spektrale Strahlungsverteilung

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 lamps 3000K



daylight(D 65)

Besonderheiten







Allgemeine Hinweise

When replacing Ralux Duo with LED-lamps, we recommend a simple and uncomplicated replacement (1: 1) at the respective light point without rewiring. Operation at mains voltage directly would also be possible. RL-DUO lamps are not suitable for tandem operation. 35 ° C ambient temperature for the lamp inside the luminaire must not be exceeded. Outdoor use is only permitted with suitable luminaires (IP protection).

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

Sicherheitshinweise

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.