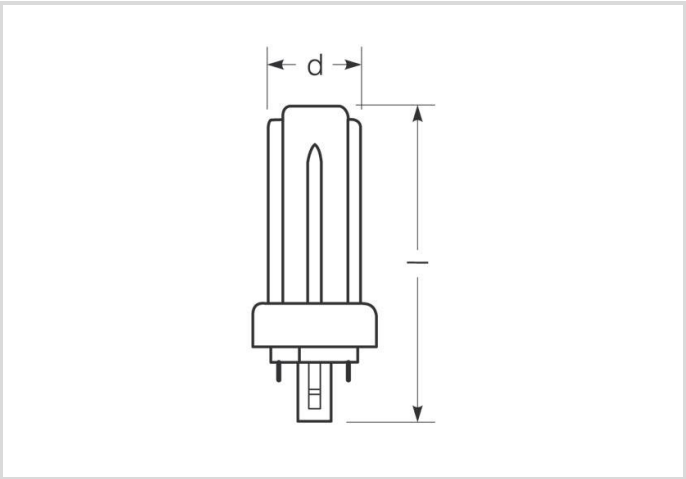
LED EssenceTrio/E - Retrofit f. Ralux Trio/E

RL-TRIO/E42 840/GX24Q-4 HF

Radium

Product Datasheet Date: 10.11.2026





F	20	4000K	30 000h

General Data

Artikel Nr.	43620635
Bestellzeichen	RL-TRIO/E42 840/GX24Q-4 HF
EAN-Faltschachtel	4008597206351
Versandeinheit in Stk.	10
EAN Umkarton (Versandeinheit)	4008597406355
Brutto-Gewicht Versandeinheit in kg	1.24
Länge Versandeinheit in m	0.268
Breite Versandeinheit in m	0.112
Höhe Versandeinheit in m	0.191
Product weight	97 g
Produktstatus	Aktiv

Electric Parameters

Wattage	20.0 W
Nominal power	20.0 W
Weighted energy consumption in 1000 hours	20 kWh
Lamp power	20.0 W
Nominal voltage	40-90 V

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Electric Parameters

Voltage type	AC
Nominal current	112 mA
Nominal current (mA)	112 mA
Inrush current	25 A
max. no. of lamps at 10A-B10 automatic fuse	63
max. no. of lamps at 16A-B16 automatic fuse	100
dimmable	Nein

Light Application Parameters

Luminous flux	2150 lm
Rated luminous flux according to IEC 62612	2150 lm
Luminous flux	2150 lm
Beam angle	280 °
Efficacy / Luminous efficiency	108 lm/W
Total mains efficacy	100 lm/W
Color temperature	4000 K
Color coordinate X	0.382
Color coordinate Y	0.380
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)	F
Diameter	44 mm
Length	167 mm
Length	167 mm
Burning position	any
Photobiological safety according to EN 62471	RG0
Lamp shape	Tube, single-ended

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Specification

Base	GX24q
Material	Glass
Colour	White
Housing colour	Other

Notes on Operation

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

Information especially for EPREL

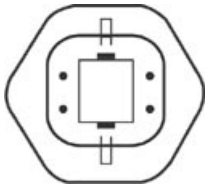
Lighting technology	LED
Mains/Non mains connectable	NMLS
Directional or non-directional light	NDLS
Color tunable light source	Nein
Type of color temperature	SINGLE_VALUE
Color stability MacAdams EPREL	5
Displacement factor EPREL	0,9
Life factor EPREL	0.9
Lumen maintenance EPREL	0.96
Flicker	1.0
Stroboscopic effect	0.4
EPREL ID number	2214063

Notes

LED compact lamp for replacement with Ralux Trio, neutral white light, glass bulb, not dimmable, fits in lamp holder for base GX24q only.

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



GX24q
IEC/EN 60061-1
sheet 7004-78-5

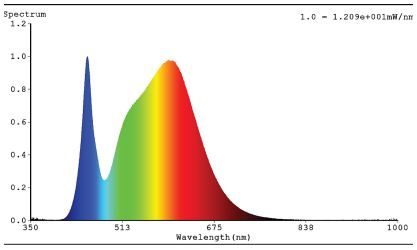
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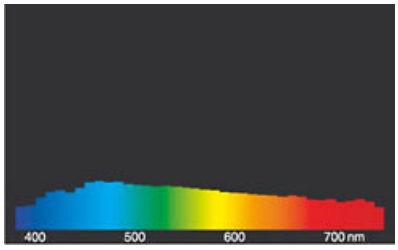
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Spektrale Strahlungsverteilung

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 4000K



daylight(D 65)

Besonderheiten







Allgemeine Hinweise

For LED replacement of halogen and incandescent lamps, we recommend direct replacement (1: 1) at the respective burning position. For new systems, the number of lamps in the circuit operated at control gear such as transformers or dimmers can be obtained from corresponding compatibility lists (if available). If there is no specification for the type of device or lamp required, for safety reasons, the replacement power shall be assumed as taht of the original halogen type (eg "RL-MR16 35" -> 35W, independent of the real power consumption).

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.