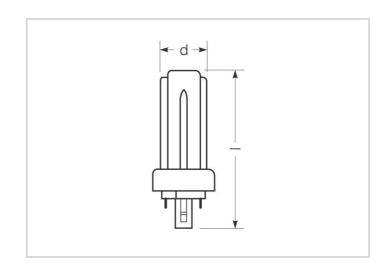
RL-TRIO42 840/GX24D/GX24Q-4



Product Datasheet Date: 05.11.2025













30 000h



4

0

4000K

General Data

Artikel Nr.	43620639
Bestellzeichen	RL-TRIO42 840/GX24D/GX24Q EM
EAN-Faltschachtel	4008597206399
Versandeinheit in Stk.	10
EAN Umkarton (Versandeinheit)	4008597406393
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	220-240 V

RL-TRIO42 840/GX24D/GX24Q-4



Electric Parameters

Voltage type	AC
Nominal current	88 mA
Nominal current (mA)	88 mA
Inrush current	25 A
max. no. of lamps at 10A automatic fuse	63
max. no. of lamps at 16A automatic fuse	100

Light Application Parameters

Luminous flux	2300 lm	
Rated luminous flux according to IEC 62612	2300 lm	
Luminous flux	2300 lm	
Beam angle	280 °	
Efficacy	115 lm/W	
Total mains efficacy	115 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)	E
Diameter	44 mm
Length	167 mm
Length	167 mm
Burning position	any
Material	Glass
Photobiological safety according to EN 62471	RG0
Lamp shape	Tube, single-ended

RL-TRIO42 840/GX24D/GX24Q-4



Specification

Base	GX24d	
Colour	White	

Notes on Operation

Degree of protection (IP)	IP20
Burning position	any
Mode of operation	CCG, 230V
Ambient temperatures	-20 +45 °C

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	0.958	
Flicker	1.0	
Stroboscopic effect	0.4	
EPREL ID number	2213996	

Notes

LED compact lamp for replacement with Ralux Trio, neutral white light, glass bulb, not dimmable, fits in lamp holder for base GX24d and GX24q.

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 optimal 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).

Spektrale Strahlungsverteilung

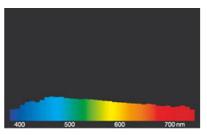
As daylight is a mixture of direct sunlight and light from the sky, the spectral distribution changes all the time due to the time of the day and the weather. The standard illuminant D65 corresponds to daylight with colour temperature of about 6500K.

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.

RL-TRIO42 840/GX24D/GX24Q-4





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.