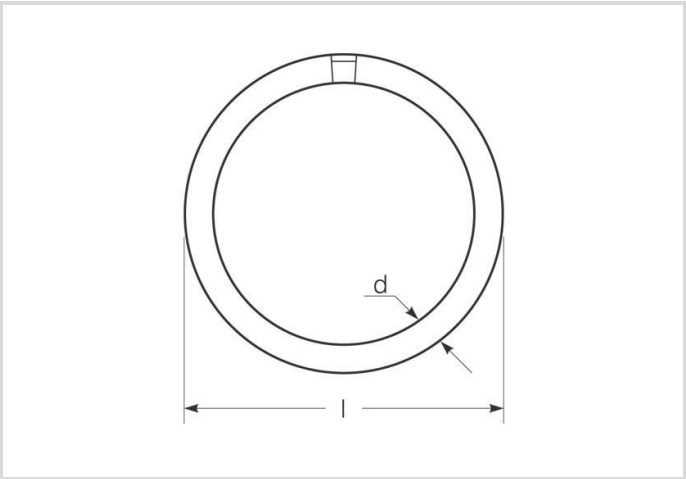
Fluorescent lamp Spectralux®Plus Ring
NL-T9 22W/840C/G10Q

Radium

Product Datasheet Date: 01.11.2026





A	G	1350	4000K	7 500h	Dimmable

General Data

Article No.	31218361
Codice	NL-T9 22W/840C/G10Q
Product EAN	4008597183614
Box quantitiy (pcs.)	12
EAN Box	4008597483615
Gross weight of box in kg	2.456
Length of box in m	0.452
Width of box in m	0.239
Height of box in m	0.228
Product weight	125 g
Product status	Inattivo

Electric Parameters

Wattage	22.0 W
Lamp nominal wattage	22 W
Weighted energy consumption in 1000 hours	25 kWh
Lamp voltage	62 V
Mains voltage	230 V

Fluorescent lamp Spectralux®Plus Ring
NL-T9 22W/840C/G10Q

Radium

Electric Parameters

Nominal current (mA)	370 mA
Compensation capacitor for 50Hz operation	5 µF
dimmable	Sì

Light Application Parameters

Luminous flux	1230 lm
Rated lamp luminous flux	1350 lm
max. luminous flux	1350 lm
max. luminous flux at	25 °C
Beam angle	360 °
Efficacy / Luminous efficiency	61.36 lm/W
Total mains efficacy	56 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
Lumen maintenance at 2000h	0.80
Lumen maintenance at 4000h	0.74
Lumen maintenance at 6000h	0.72
Lumen maintenance at 8000h	0.70

Service Life

Average life	7500 h
Lamp survival factor at 2000h	0.99
Lamp survival factor at 4000h	0.95
Lamp survival factor at 6000h	0.83
Lamp survival factor at 8000h	0.65

Specification

Energylabel notice	old label, no EPREL registration, no EU data sheet
Energylabel (G -> A)	G
Energylabel (E -> A++)	A
Diameter max.	29 mm
Tube diameter	29 mm

Fluorescent lamp Spectralux®Plus Ring
NL-T9 22W/840C/G10Q

Radium

Specification

Length	216 mm
Length	216 mm
Mercury content	4.0 mg
Lamp shape	Ring
Base	G10q
Colour	White

Notes on Operation

Suitable for emergency lighting	No

Information especially for EPREL

Energylabel notice	old label, no EPREL registration, no EU data sheet
EPREL ID number	866584

Miscellaneous

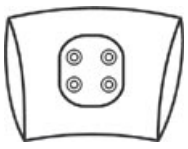
EU-date of phase-out	25.02.2025
EU Directive	RoHS
Similar products	43420565

Notes

Fluorescent lamp Ring 29mm diameter, light colour 840, high luminous efficiency, good colour rendering, long life, base G10q. 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).

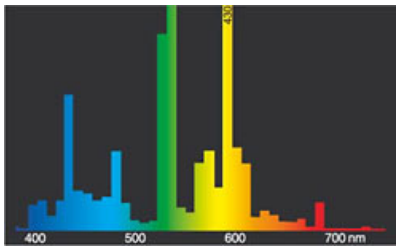
Base



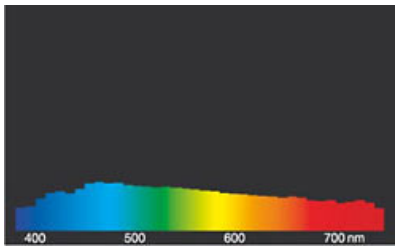
G10q
IEC/EN 60061-1
sheet 7004-54-3

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.

Fluorescent lamp Spectralux®Plus Ring
NL-T9 22W/840C/G10Q

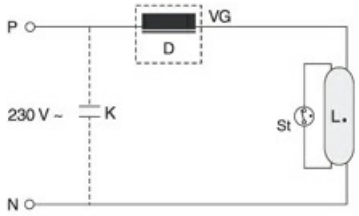


light colour 840 Spectralux® white (21)



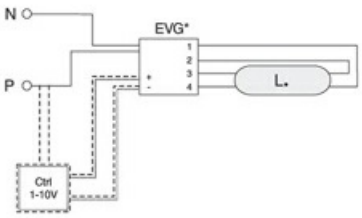
daylight(D 65)

Circuit diagram(s)



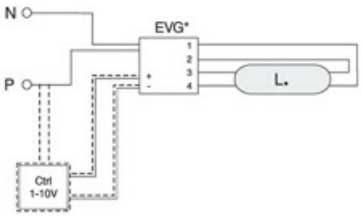
One-lampe ciruit inductive
Key:
D = choke
L. = lamp
St = starter
VG = electromagnetic ballast (KVG/VVG)
P = phase
N = zero potential
K = p. f. correction capacitor

The required control gear (here starter and ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.



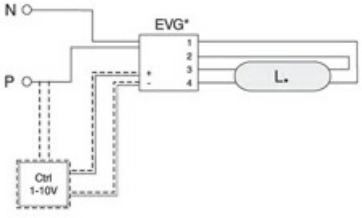
One-lampe ciruit with electronic ballast
Key:
VG = ballast electronic (ECG)
P = phase
N = zero potential
Ctrl = Controller, dimmer

The required control gear (here electronic ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.



One-lampe ciruit with electronic ballast
Key:
VG = ballast electronic (ECG)
P = phase
N = zero potential
Ctrl = Controller, dimmer

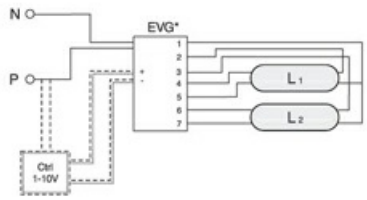
The required control gear (here electronic ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.



One-lampe ciruit with electronic ballast
Key:
VG = ballast electronic (ECG)
P = phase
N = zero potential
Ctrl = Controller, dimmer

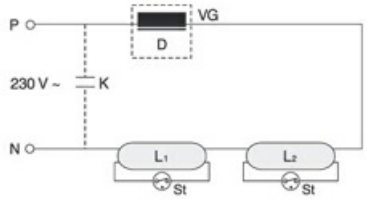
The required control gear (here electronic ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.

Fluorescent lamp Spectralux®Plus Ring
NL-T9 22W/840C/G10Q



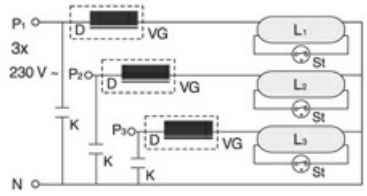
Circuit with multi electronic ballast
Key:
VG = ballast electronic (ECG)
P = phase
N = zero potential
Ctrl = Controller, dimmer

The required control gear (here electronic ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.



Serious connection with conventional (low loss) ballast
Key:
D = choke
L. = lamp
St = starter
VG = ballast electromagnetic (KVG/VVG)
P = phase
N = zero potential
K = p. f. correction capacitor

The required control gear (here starter and ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.



Three phase current connection
Key:
D = choke
L. = lamp
St = starter
VG = ballast electromagnetic (KVG/VVG)
P = phase
N = zero potential
K = p. f. correction capacitor

The required control gear (here starter and ballast) for the lamps operation is usually mounted in the suitable luminaire in an appropriate electric circuit. Changes of any kind are to be conducted by qualified and specialised staff, only. Thus, this circuit example is to be understood merely as a technical background information for interested users.

Special features

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

All technical data without guarantee.