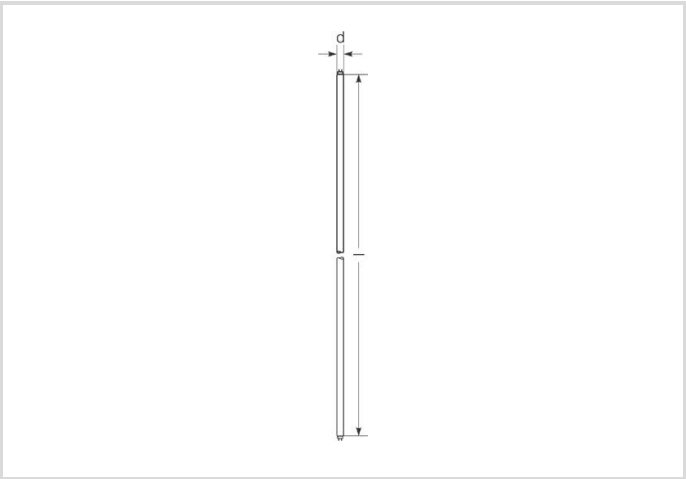
Fluorescent lamp Spectralux®Plus
NL-T8 30W/865/G13

Radium

Product Datasheet Date: 06.09.2025



A	G	2350	6500K	20 000h	Dimmable

General Data

Article No.	31511165
Code	NL-T8 30W/865/G13 RO
Product EAN	4050300518015
Box quantitiy (pcs.)	25
EAN Box	4050300518022
Gross weight of box in kg	4.18
Length of box in m	0.96
Width of box in m	0.16
Height of box in m	0.15
Product weight	130 g
Product status	Inactive

Electric Parameters

Wattage	31.2 W
Lamp nominal wattage	30 W
Lamp voltage	96 V
Mains voltage	230 V
Nominal current (mA)	365 mA

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Electric Parameters

Compensation capacitor for 50Hz operation	4.5 µF
dimmable	Yes

Light Application Parameters

Luminous flux	2350 lm
Rated lamp luminous flux	2350 lm
max. luminous flux at	25 °C
Beam angle	360 °
Efficacy	75 lm/W
Total mains efficacy	75 lm/W
Light colour	daylight
Code of light color	865
Colour temperature	6500 K
Color rendering index	80-89
Mean luminance	1.2
Lumen maintenance at 2000h	0.96
Lumen maintenance at 4000h	0.94
Lumen maintenance at 6000h	0.93
Lumen maintenance at 8000h	0.91
Lumen maintenance at 12000h	0.91

Service Life

Average life	20000 h
Mean service life, HF 3h cycle	20000 h
Lamp survival factor at 2000h	0.99
Lamp survival factor at 4000h	0.99
Lamp survival factor at 6000h	0.99
Lamp survival factor at 8000h	0.99
Lamp survival factor at 12000h	0.90

Specification

Energylabel notice	old label, no EPREL registration, no EU data sheet
Energylabel (G -> A)	G
Energylabel (E -> A++)	A
Diameter max.	26 mm
Tube diameter	26 mm

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Length max.	895 mm
Length	895 mm
Mercury content	2.5 mg
Lamp shape	Rod
Base	G13
Colour	White

Information especially for EPREL

Energylabel notice	old label, no EPREL registration, no EU data sheet

Miscellaneous

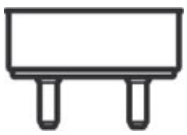
EU-date of phase-out	25.08.2023
EU Directive	RoHS
Similar products	31519991

Notes

Fluorescent lamp T8 - 26mm diameter, light colour 865, high luminous efficiency, good colour rendering, long life, base G13. Controllable by Dim-ECG.

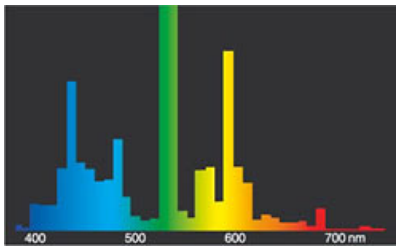
Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal field 'info about service life' contains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

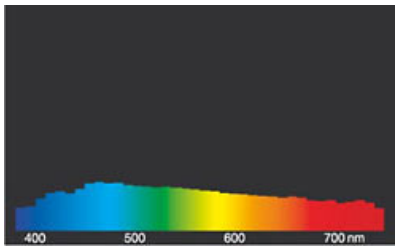


G13
IEC/EN 60061-1
sheet 7004-51-8

Spectrum

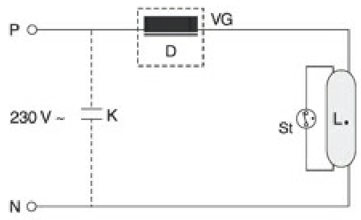


light colour 865 Spectralux® daylight (11)



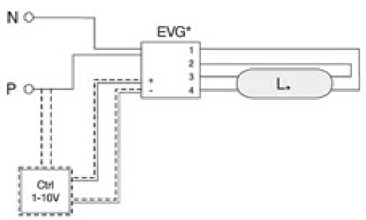
daylight(D 65)

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

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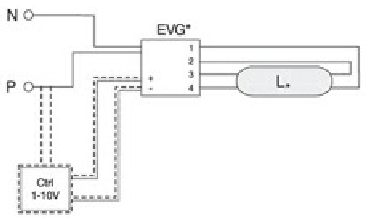

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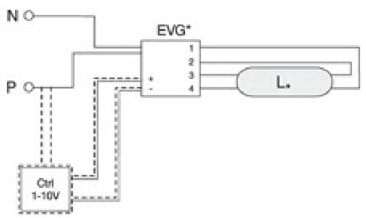

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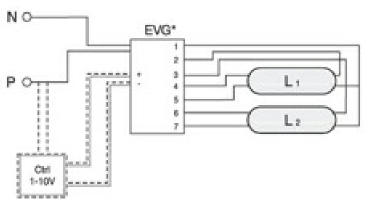

Circuit with multi electronic ballast
Key:
VG = ballast electronic (ECG)
P = phase
N = zero potential
Ctrl = Controller, dimmer

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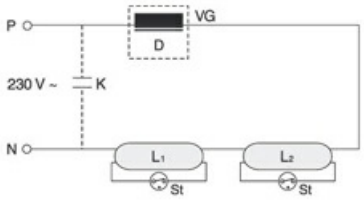
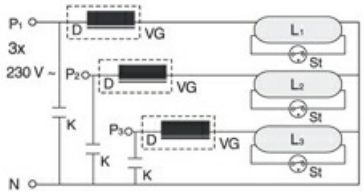


Serious connection with conventional (low loss) ballast
Key:
D = choke
L. = lamp
St = starter
VG = ballast electromagnetic (KVG/VVG)
P = phase
N = zero potential
K = p. f. correction capacitor

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

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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.
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All technical data without guarantee.