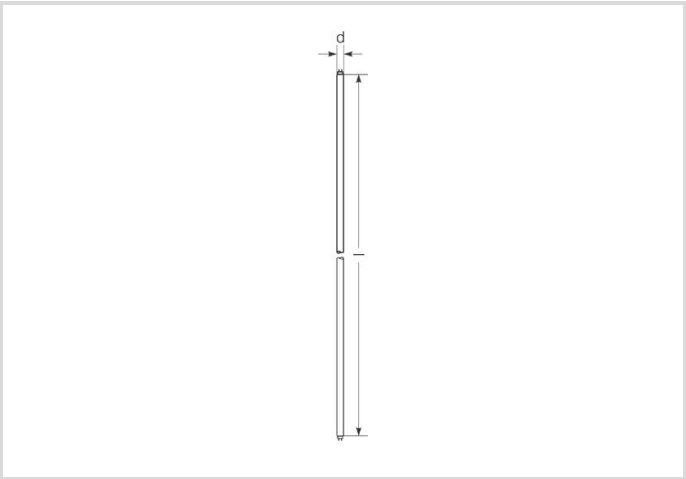
Fluorescent lamp Standard coloured
NL-T8 58W/60-R/G13 RO

Radium

Product Datasheet Date: 16.12.2025



B	G	3800	20 000h	Dimmable

General Data

Article No.	31113358
Code	NL-T8 58W/60-R/G13 RO
Product EAN	4050300024271
Box quantitiy (pcs.)	10
EAN Box	4008321205353
Gross weight of box in kg	2.314
Length of box in m	1.55
Width of box in m	0.15
Height of box in m	0.07
Product weight	163 g
Product status	Inactive

Electric Parameters

Wattage	58.0 W
Lamp nominal wattage	58 W
Weighted energy consumption in 1000 hours	71 kWh
Lamp voltage	110 V
Mains voltage	230 V

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Electric Parameters

Nominal current (mA)	670 mA
Compensation capacitor for 50Hz operation	7 µF
dimmable	Yes

Light Application Parameters

Luminous flux	3800 lm
Rated lamp luminous flux	3800 lm
max. luminous flux at	25 °C
Efficacy	65.52 lm/W
Light colour	red
Lumen maintenance at 2000h	0.95
Lumen maintenance at 4000h	0.93
Lumen maintenance at 6000h	0.91
Lumen maintenance at 8000h	0.90
Lumen maintenance at 12000h	0.89
Lumen maintenance at 16000h	0.88
Lumen maintenance at 20000h	0.86

Service Life

Average life	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	0.99
Lamp survival factor at 16000h	0.90
Lamp survival factor at 20000h	0.50

Specification

Energylabel notice	old label, no EPREL registration, no EU data sheet
Energylabel (G -> A)	G
Energylabel (E -> A++)	B
Diameter max.	26 mm
Tube diameter	26 mm
Length	1500 mm
Length	1500 mm

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Specification

Mercury content	3.0 mg
Lamp shape	Rod
Base	G13
Colour	Red

Information especially for EPREL

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

Miscellaneous

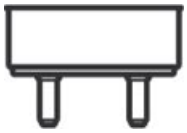
EU Directive	TIM

Notes

Fluorescent lamp T8 - 26mm diameter, coloured, 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).

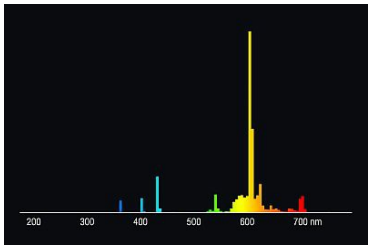
Base



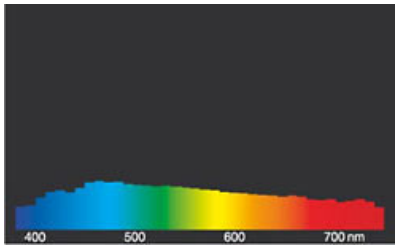
G13
IEC/EN 60061-1
sheet 7004-51-8

Spectrum

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.

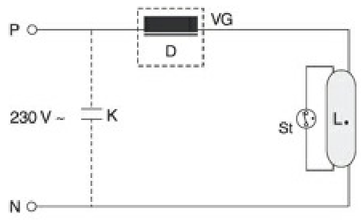


Light colour red (60)



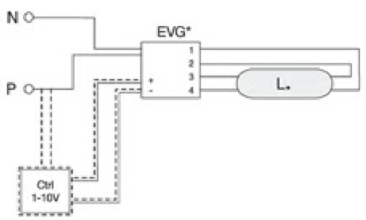
daylight(D 65)

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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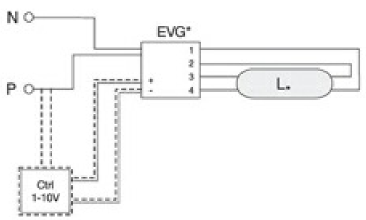

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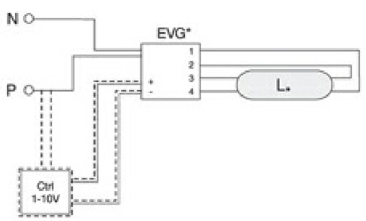

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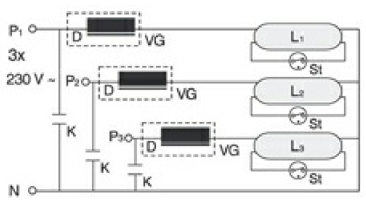

Three phase current connection
Key:
D = choke
L. = lamp
St = starter
VG = ballast electromagnetic (KVG/VVG)
P = phase
N = zero potential
K = p. f. correction capacitor

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Special features

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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.