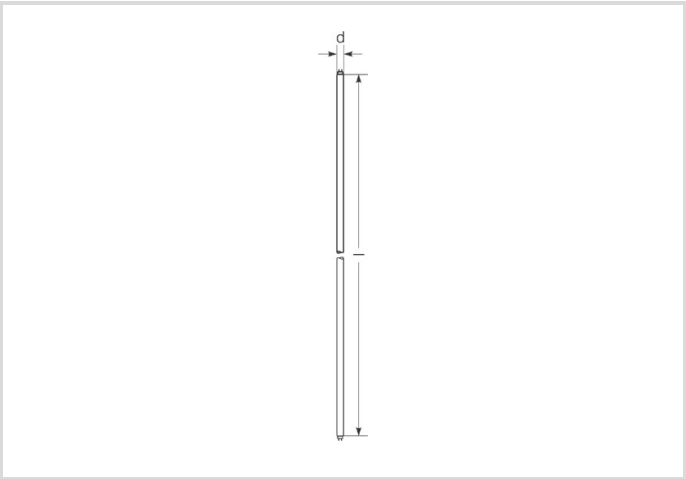
Fluorescent lamp Spectralux®Plus
NL-T8 58W/830/G13

Radium

Product Datasheet Date: 30.09.2021



A	G	5200	3000K	20 000h	Dimmable

General Data

Article No.	31109401
Code	NL-T8 58W/830/G13
Product EAN	4008597094019
Customs tariff no.	85393110
Box quantitiy (pcs.)	25
EAN Box	4008597494017
Gross weight of box in kg	5.74
Length of box in m	1.535
Width of box in m	0.15
Height of box in m	0.145
ETIM class	EC000108
ETIM class name	Fluorescent lamp
Product status	Active

Electric Parameters

Lamp nominal wattage	58 W
Rated wattage	58.0 W
Energy Consumption kWh/1000h	67,1

Fluorescent lamp Spectralux®Plus
NL-T8 58W/830/G13

Radium

Electric Parameters

Mains voltage	230 V
Nominal current (mA)	670 mA
Compensation capacitor for 50Hz operation	7 µF
dimmable	Yes

Light Application Parameters

Luminous flux	5200 lm
max. luminous flux at	25 °C
Luminous efficiency	89.66 lm/W
Radium light colour	warm white
Colour temperature	3000 K
Colour rendering index Ra	80-89
Mean luminance	1.5
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
Lumen maintenance at 16000h	0.90
Lumen maintenance at 20000h	0.89

Service Life

Average nominal lifespan	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	0.99
Lamp survival factor at 16000h	0.90
Lamp survival factor at 20000h	0.50

Specification

Energy Label A to G	G
Energylabel A++ to E	A
Diameter max.	26 mm

Fluorescent lamp Spectralux®Plus
NL-T8 58W/830/G13

Radium

Specification

Length max.	1500 mm
Length	1500 mm
Mercury content	2.5 mg
Lamp shape	Rod
Base	G13
Colour	Other

Miscellaneous

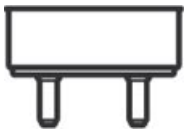
EU-date of phase-out	01.09.2023
EU Directive	SLR = (EU) 2019/2020

Notes

Fluorescent lamp T8 - 26mm diameter, light colour 830, 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).

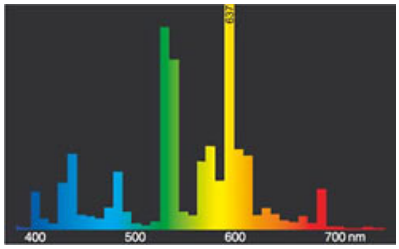
Base



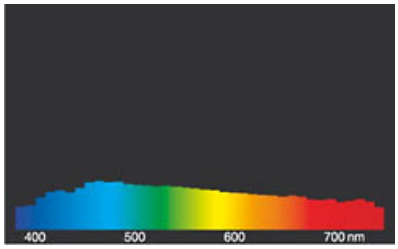
G13
IEC/EN 60061-1
sheet 7004-51-8

Spectrum

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 830 Spectralux® Warm white (31)



daylight(D 65)

Special features

Fluorescent lamp Spectralux®Plus
NL-T8 58W/830/G13

Radium

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.