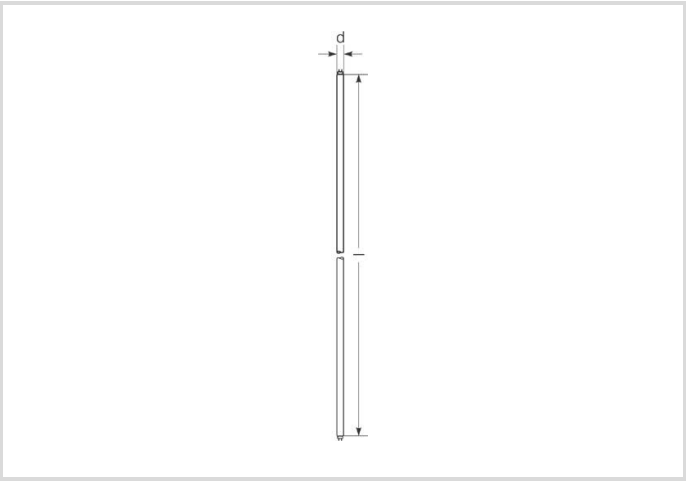
Fluorescent lamp Standard
NL-T5 6W/640/G5

Radium

Product Datasheet Date: 22.06.2023



G	270	4300K	10 000h	Dimmable

General Data

Article No.	31119593
Code	NL-T5 6W/640/G5
Product EAN	4008597195938
Customs tariff no.	85393110
Box quantitiy (pcs.)	25
EAN Box	4008597595936
Gross weight of box in kg	0.712
Length of box in m	0.247
Width of box in m	0.103
Height of box in m	0.109
ETIM class	EC000108
ETIM class name	Fluorescent lamp
Weight	20 g
Product status	Active

Electric Parameters

Rated wattage	6.5 W
Lamp nominal wattage	6 W

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Electric Parameters

Weighted energy consumption in 1,000 hours	7 kWh
Lamp voltage	42 V
Mains voltage	230 V
Nominal current (mA)	160 mA
Compensation capacitor for 50Hz operation	2 µF
dimmable	Yes

Light Application Parameters

Luminous flux	270 lm
Rated lamp luminous flux	270 lm
max. luminous flux at	25 °C
Beam angle	360 °
Luminous efficiency	42 lm/W
Radium light colour	Bright white
Code of light color	640
Colour temperature	4300 K
Color coordinate X	0.380
Color coordinate Y	0,394
Color rendering index Ra	≥ 60
Mean luminance	0.95

Service Life

Average nominal lifespan	10000 h
Lamp survival factor at 6000h	0.95

Specification

Energylabel notice	current label, with EPREL registration
Energy Label A to G	G
Diameter max.	16 mm
Tube diameter	16 mm
Length max.	227 mm
Length	212 mm
Mercury content	2.6 mg
Base	G5
Colour	White

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Information especially for EPREL

Energylabel notice	current label, with EPREL registration
EPREL ID number	541141

Miscellaneous

EU-date of phase-out	25.02.2023
EU Directive	RoHS

Notes

Mini fluorescent lamp T5 - 16mm diameter, standard light colour 640, base G5. Controllable by Dim-ECG.

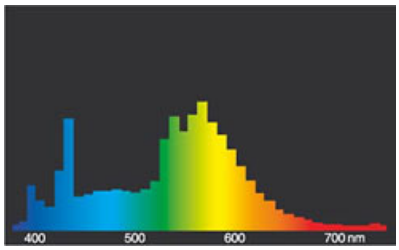
Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.
The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.
The optinal field 'info about service life' contains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

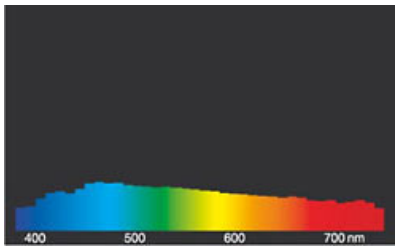
G5
IEC/EN 60061-1
sheet 7004-52-5

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.



Lichtfarbe 640 weiss (20)



daylight(D 65)

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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Subject to change without notice. Errors and omissions excepted.

All technical data without guarantee.