

Fluorescent lamp Standard

NL-T5 6W/640/G5

Radium

Product Datasheet Date: 30.05.2026



A



G



270



4300K



10 000h



Dimmable

General Data

| | |
|---------------------------|---|
| Article No. | 31118158 |
| Codice | NL-T5 6W/640/G5 |
| Product EAN | 4008597181580 |
| Box quantity (pcs.) | 25 |
| EAN Box | 4008597481581 |
| Gross weight of box in kg | 0.739 |
| Length of box in m | 0.25 |
| Width of box in m | 0.1 |
| Height of box in m | 0.11 |
| Product weight | 21 g |
| Product status | ● Inattivo |

Electric Parameters

| | |
|---|-------|
| Wattage | 6.0 W |
| Lamp nominal wattage | 6 W |
| Weighted energy consumption in 1000 hours | 7 kWh |
| Lamp voltage | 42 V |
| Mains voltage | 230 V |

Electric Parameters

| | |
|---|-----------|
| Nominal current (mA) | 160 mA |
| Compensation capacitor for 50Hz operation | 2 μ F |
| dimnable | Si |

Light Application Parameters

| | |
|--------------------------------|--------------|
| Luminous flux | 270 lm |
| Rated lamp luminous flux | 270 lm |
| max. luminous flux at | 25 °C |
| Beam angle | 360 ° |
| Efficacy / Luminous efficiency | 45 lm/W |
| Total mains efficacy | 45 lm/W |
| Light colour | Bright white |
| Code of light color | 640 |
| Colour temperature | 4300 K |
| Color rendering index | \geq 60 |
| Mean luminance | 0.95 |

Service Life

| | |
|--------------|---------|
| Average life | 10000 h |
|--------------|---------|

Specification

| | |
|------------------------|--|
| Energylabel notice | old label, no EPREL registration, no EU data sheet |
| Energylabel (G -> A) | G |
| Energylabel (E -> A++) | A |
| Diameter max. | 16 mm |
| Tube diameter | 16 mm |
| Length | 212 mm |
| Length | 212 mm |
| Mercury content | 2.6 mg |
| Lamp shape | Rod |
| Base | G5 |
| 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 | 864221 |

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 optimal 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



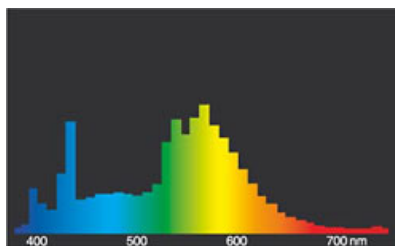
G5
IEC/EN 60061-1
sheet 7004-52-5

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

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