NATURA T5 28 W/76

OSRAM NATURA T5 | Tubular fluorescent lamps 16 mm, for food presentation, with G5 base



Areas of application

- Bakeries, meat processors, butchers
- Shops
- Supermarkets and department stores

Product benefits

- Food looks fresh and appetizing without unduly “beautifying” it
- Specially tailored spectral distribution

Product features

- Color rendering index R_a: 80 or 85
- Long average lifetime: up to 24,000 h (with QUICKTRONIC ECG)

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Technical data

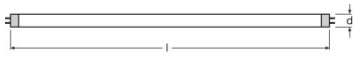
Electrical data

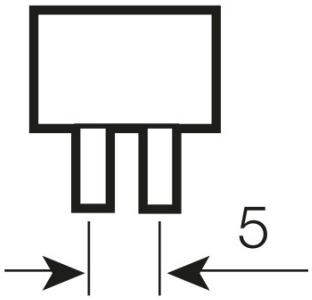
Nominal wattage	28.00 W
Rated lamp efficacy (HF data 25 °C)	70 lm/W
Rated wattage	27.90 W

Photometrical data

Color rendering index Ra	≥85
Rated luminous flux	1950 lm
Luminous flux at 25 °C	1950 lm
Luminous flux at 35 °C	2150 lm
Light color	76
Nominal luminous flux	1950 lm
Light color (designation)	NATURA
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89

Dimensions & weight





Tube diameter	16 mm
Length	1149 mm
Length with base excl. base pins/connection	1149.00 mm
Diameter	16.0 mm
Maximum diameter	16.0 mm

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Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	35.0 °C

Lifespan

Lifespan	24000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000 h	0.97
Rated lamp survival factor at 20,000 h	0.85
Operation mode LLMF/LSF	HF
Rated lamp life time	24000 h
Nominal lamp life time	24000 h

Additional product data

Base (standard designation)	G5
Mercury content	1.9 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only/Lamp designed for internal luminaire temperatures of 30…40 °C/Optimum luminous flux achieved at 35 °C

Capabilities

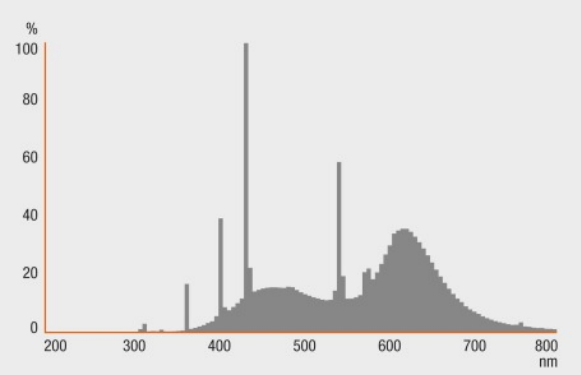
Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A
Energy consumption	31 kWh/1000h

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Light Distribution



Spectral power distribution

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

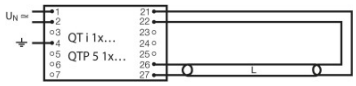
Equipment / Accessories

- Suitable for use in open and enclosed luminaires
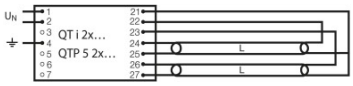
Safety advice

In case of lamp breakage: www.ledvance.com/brokenlamp

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Circuit diagram



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321581716	NATURA T5 28 W/76	Shipping carton box 10	1182 mm x 42 mm x 104 mm	5.16 dm^3	1370.50 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit
- www.ledvance.com/system-guarantee

For more information on QUICKTRONIC electronic control gear go to
- www.ledvance.com/quicktronic

Disclaimer

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