

DULUX T PLUS 18 W/840

OSRAM DULUX T PLUS | CFLni, 3 tubes, with 2-pin base for CCG operation



Areas of application

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industrial lighting

Product benefits

- Very economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance

Product features

- Average life: 10,000 h
- Color rendering index R_a : 80...89
- Short and compact pin-base lamp with triple-turn tubes
- Single-ended two-pin plug-in GX24d base



Technical data

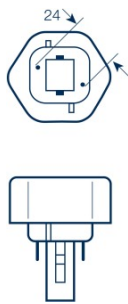
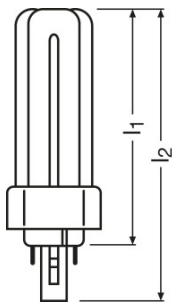
Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W
Energy consumption	23 kWh/1000h

Photometrical data

Nominal luminous flux	1200 lm
Rated luminous flux	1200 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
Luminous flux at 25 °C	1200 lm
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Luminance	4.7 cd/cm²
Color rendering group	1B

Dimensions & weight



Product line drawing

Base

Overall length	124.0 mm
Product weight	57.00 g
Tube diameter	12 mm
Length	124.0 mm

Product datasheet

Length acc. to IEC standard	110 mm
Length with base excl. base pins/connection	101.00 mm

Colors & materials

Lamp mercury content	1.9 mg
----------------------	--------

Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
--	---------

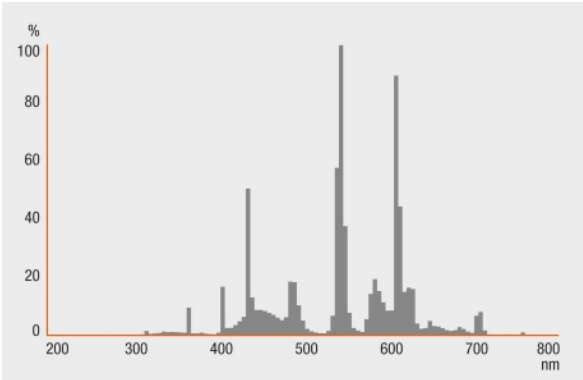
Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h
Service life	6500 h
Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h ¹⁾

¹⁾ With CCG/LLCG

Additional product data

Product datasheet



Spectral power distribution

Base (standard designation)	GX24d-2
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	Suitable only for operation with 0.22 A control gear

Capabilities

Suitable for indoor	Yes
---------------------	-----

Certificates & standards

Energy efficiency class	B
-------------------------	---

Country specific categorizations

ILCOS	FSM-18/840-I-GX24d-2
-------	----------------------

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300333465	OSRDT18840	8330232	4934059	-

Product datasheet



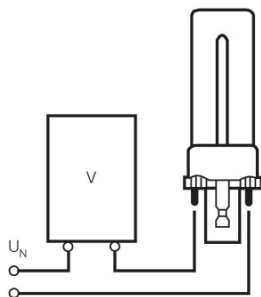
Guarantee

Equipment / Accessories

- Suitable for operation on conventional control gear
- Suitable for 0.22 A control gear only (DULUX T 18 W PLUS)

Safety advice

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



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300333465	DULUX T PLUS 18 W/840	Folding carton box 1	49 mm x 46 mm x 129 mm	0.29 dm ³	70.00 g
4050300333472	DULUX T PLUS 18 W/840	Shipping carton box 10	119 mm x 141 mm x 256 mm	4.30 dm ³	773.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or

Product datasheet

more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.