

## 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



# Product datasheet

## Technical data

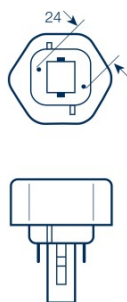
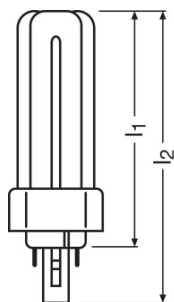
### Electrical data

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/cm <sup>2</sup>
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

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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
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### Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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### 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 <sup>1)</sup>

<sup>1)</sup> With CCG/LLCG

### Additional product data

## Product datasheet



Spectral power distribution

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

### Capabilities

<b>Suitable for indoor</b>	Yes
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### Certificates & standards

<b>Energy efficiency class</b>	B
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### Country specific categorizations

<b>ILCOS</b>	FSM-18/840-I-GX24d-2
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### Country specific information

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

## Product datasheet



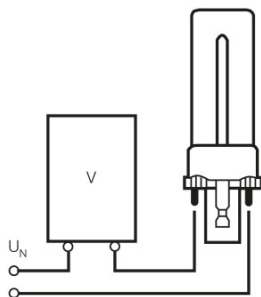
Guarantee

### 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](http://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 <sup>3</sup>	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 <sup>3</sup>	773.00 g

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

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

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### Disclaimer

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