

## DULUX T PLUS 18 W/830

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

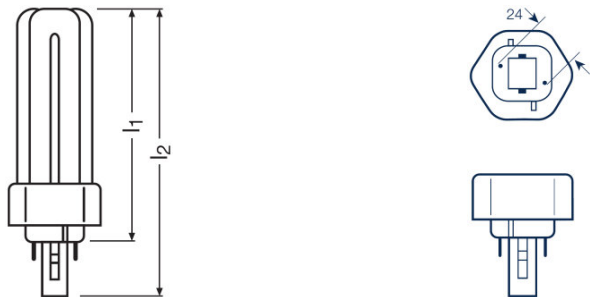
Electrical data

|                 |         |
|-----------------|---------|
| Nominal wattage | 18.00 W |
| Rated wattage   | 18.00 W |

Photometrical data

|                           |                    |
|---------------------------|--------------------|
| Nominal luminous flux     | 1200 lm            |
| Light color (designation) | LUMILUX Warm White |
| Luminous flux at 25 °C    | 1200 lm            |
| Rated luminous flux       | 1200 lm            |
| Color temperature         | 3000 K             |
| Color rendering index Ra  | 80...89            |
| Rated LLMF at 2,000 h     | 0.85               |
| Rated LLMF at 4,000 h     | 0.78               |
| Rated LLMF at 6,000 h     | 0.76               |
| Rated LLMF at 8,000 h     | 0.75               |

Dimensions & weight



|   |           |
|---|-----------|
| Diameter                                    | 11.0 mm   |
| Overall length                              | 122.0 mm  |
| Length                                      | 124.0 mm  |
| Length acc. to IEC standard                 | 110 mm    |
| Length with base excl. base pins/connection | 101.00 mm |
| Outer bulb                                  | T11X3     |
| Maximum diameter                            | 11.0 mm   |

Lifespan

|                        |         |
|------------------------|---------|
| Nominal lamp life time | 10000 h |
|------------------------|---------|

## Product datasheet

|                                       |                       |
|---------------------------------------|-----------------------|
| Rated lamp life time                  | 10000 h               |
| Service life                          | 6500 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 | 0.95                  |
| 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

|                             |  |
|-----------------------------|--|
| Base (standard designation) | GX24d-2  |
| Mercury content             | 1.7 mg   |
| Product remark              | Suitable only for operation with 0.22 A control gear |

### Certificates & standards

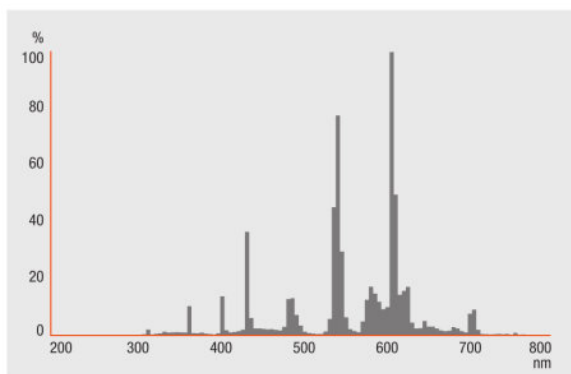
|                         |              |
|-------------------------|--------------|
| Energy efficiency class | B            |
| Energy consumption      | 23 kWh/1000h |

### Country specific categorizations

|       |                      |
|-------|----------------------|
| ILCOS | FSM-18/830-I-GX24d-2 |
|-------|----------------------|

### Light Distribution

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### Spectral power distribution

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### Equipment / Accessories

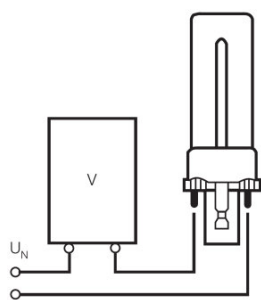
- Suitable for operation on conventional control gear
- Suitable for 0.22 A control gear only (DULUX T 18 W PLUS)

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### Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)

Product datasheet



Circuit diagram

Logistical Data

| Product code  | Product description      | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume               | Gross weight |
|---------------|--------------------------|---------------------------------|---|----------------------|--------------|
| 4050300333489 | DULUX T PLUS 18<br>W/830 | Shipping carton box<br>10       | 240 mm x 135 mm x<br>114 mm             | 3.69 dm <sup>3</sup> | 832.00 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.

Disclaimer

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