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## DULUX F 24 W/830 2G10

OSRAM DULUX F | Flat CFLni, 2 tubes, with 4-pin base for ECG/CCG operation



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### Areas of application

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

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### Product benefits

- Very economical
- Good quality of light
- Excellent luminous efficiency
- Extremely low profile
- Long service life

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### Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G10 base
- Average life: 10,000 h
- Color rendering index  $R_a$ : 80...89



Technical data

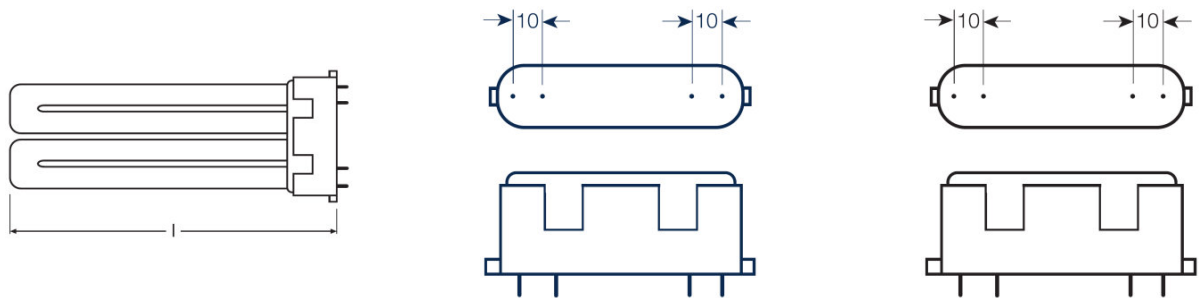
Electrical data

|                 |         |
|-----------------|---------|
| Nominal wattage | 24.00 W |
| Rated wattage   | 24.00 W |

Photometrical data

|                           |                        |
|---------------------------|------------------------|
| Nominal luminous flux     | 1700 lm                |
| Light color (designation) | LUMILUX Warm White     |
| Luminous flux at 25 °C    | 1700 lm                |
| Rated luminous flux       | 1700 lm                |
| Color temperature         | 3000 K                 |
| Color rendering index Ra  | 80...89                |
| Rated LLMF at 4,000 h     | 0.86                   |
| Rated LLMF at 6,000 h     | 0.83                   |
| Rated LLMF at 8,000 h     | 0.81                   |
| Rated LLMF at 12,000 h    | 0.77                   |
| Luminance                 | 2.5 cd/cm <sup>2</sup> |

Dimensions & weight



|                             |          |
|-----------------------------|----------|
| Diameter                    | 17.5 mm  |
| Overall length              | 165.0 mm |
| Tube diameter               | 17.5 mm  |
| Length                      | 165.0 mm |
| Length acc. to IEC standard | 165 mm   |
| Outer bulb                  | T16      |
| Maximum diameter            | 17.0 mm  |

Temperatures & operating conditions

## Product datasheet

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

### Lifespan

|                                        |                       |
|----------------------------------------|-----------------------|
| Nominal lamp life time                 | 13000 h               |
| Rated lamp life time                   | 13000 h               |
| Service life                           | 9000 h <sup>1)</sup>  |
| 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  | 0.95                  |
| Rated lamp survival factor at 12,000 h | 0.64                  |
| Operation mode LLMF/LSF                | HF                    |
| Lifespan                               | 10000 h <sup>1)</sup> |

<sup>1)</sup> With preheat ECG

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | 2G10   |
| Mercury content             | 2.5 mg |

### Capabilities

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

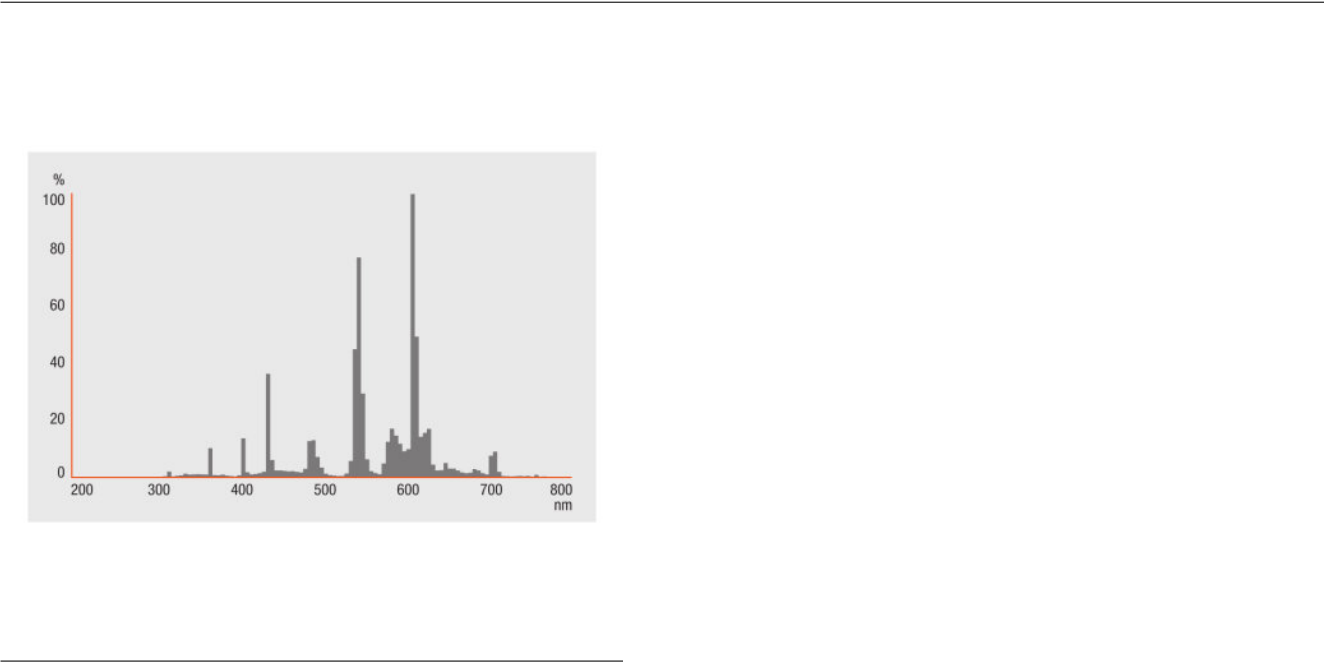
### Certificates & standards

|                         |              |
|-------------------------|--------------|
| Energy efficiency class | A            |
| Energy consumption      | 27 kWh/1000h |

### Country specific categorizations

|       |                          |
|-------|--------------------------|
| ILCOS | FSD-24/830-E-2G10-90/165 |
|-------|--------------------------|

Light Distribution



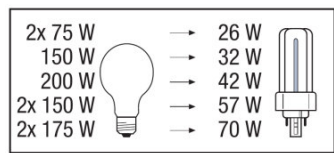
Spectral power distribution

Equipment / Accessories

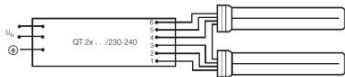
- Suitable for operation on electronic and conventional control gear

Safety advice

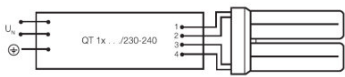
In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



DULUX® T/E IN PLUS



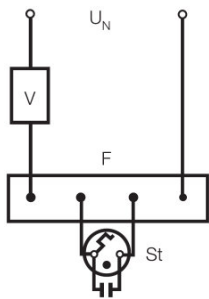
Circuit diagram



Circuit diagram

Others graphics

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 |
|---------------|--------------------------|---------------------------------|-----------------------------------------|----------------------|--------------|
| 4050300333601 | DULUX F 24 W/830<br>2G10 | Shipping carton box<br>10       | 280 mm x 105 mm x<br>195 mm             | 5.73 dm <sup>3</sup> | 1319.00 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.

References / Links

For more information on QUICKTRONIC electronic control gear go to  
▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

Disclaimer

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

## DULUX F 24 W/830 2G10

OSRAM DULUX F | Flat CFLni, 2 tubes, with 4-pin base for ECG/CCG operation

| Product name          | Product name ECG         | EAN           | Nominal current | Nominal wattage + Power loss | Luminous flux at 35 °C | Number of lighting outlets |
|-----------------------|--------------------------|---------------|-----------------|------------------------------|------------------------|----------------------------|
| DULUX F 24 W/830 2G10 | QT-ECO 1x18-24/220-240 L | 4050300660417 | 0.16 A          | 22.50 W                      | 1500 lm                | 1                          |
|                       | QT-ECO 1x18-24/220-240 S | 4050300638560 | 0.16 A          | 22.50 W                      | 1500 lm                | 1                          |
|                       | QTi 1x14/24 DIM          | 4050300870922 | 0.11 A          | 25.00 W                      | 1700 lm                | 1                          |
|                       | QTi 2x14/24 DIM          | 4050300870946 | 0.22 A          | 49.00 W                      | 1700 lm                | 2                          |
|                       | QTi 3x14/24 DIM          | 4008321069719 | 0.32 A          | 74.00 W                      | 1700 lm                | 3                          |
|                       | QTi 4x14/24 DIM          | 4008321069993 | 0.43 A          | 97.60 W                      | 1800 lm                | 4                          |
|                       | QTi DALI 1x14/24 DIM     | 4050300870380 | 0.11 A          | 25.00 W                      | 1700 lm                | 1                          |
|                       | QTi DALI 2x14/24 DIM     | 4050300870861 | 0.22 A          | 49.00 W                      | 1700 lm                | 2                          |
|                       | QTi DALI 3x14/24 DIM     | 4008321069955 | 0.32 A          | 73.40 W                      | 1700 lm                | 3                          |
|                       | QTi DALI 4x14/24 DIM     | 4008321070036 | 0.43 A          | 97.60 W                      | 1700 lm                | 4                          |
|                       | QTP-M 2x26-42/220-240 S  | 4008321110022 | 0.23 A          | 54.00 W                      | 1700 lm                | 2                          |
|                       | QTP-DL 1x18-24           | 4008321117861 | 0.115 A         | 26.00 W                      | 1700 lm                | 1                          |
|                       | QTP-DL 2x18-24           | 4008321117885 | 0.22 A          | 49.00 W                      | 1700 lm                | 2                          |
|                       | QTP-M 1x26-42            | 4008321329134 | 0.12 A          | 25.00 W                      | 1650 lm                | 1                          |
|                       | QTP-M 2x26-32            | 4008321329158 | 0.21 A          | 48.00 W                      | 1650 lm                | 2                          |
|                       | QTP-OPTIMAL 1x18-40      | 4008321873743 | 0.12 A          | 25.00 W                      | 1650 lm                | 1                          |
|                       | QTP-OPTIMAL 2x18-40      | 4008321873767 | 0.23 A          | 50.00 W                      | 1650 lm                | 2                          |