

# PRODUCT DATASHEET

## 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
- Color rendering index  $R_a: \geq 80$



**TECHNICAL DATA**

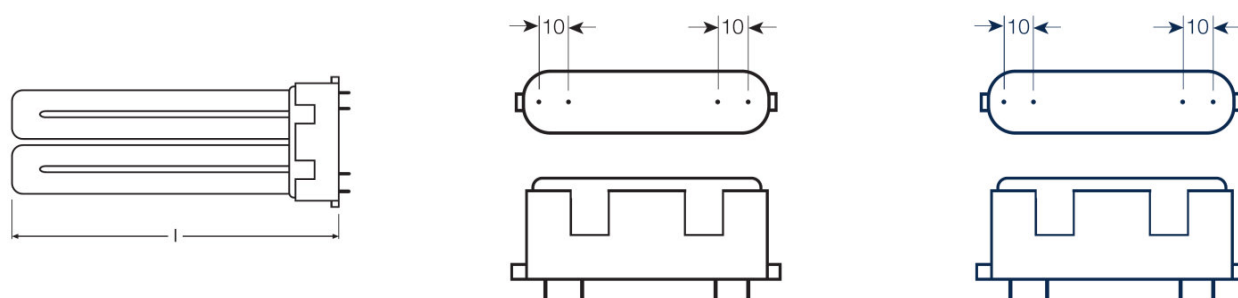
Electrical data

Nominal voltage	87 V
Rated wattage	24.00 W
Nominal wattage	24.00 W
Nominal current	0.34 A

Photometrical data

Nominal luminous flux	1700 lm
Luminous flux at 25 °C	1700 lm
Rated luminous flux	1700 lm
Rated color temperature	3000 K
Color rendering index Ra	≥80
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>
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Luminous flux	1700 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	17.5 mm
Overall length	170.0 mm
Tube diameter	17.5 mm
Length	170.0 mm
Length acc. to IEC standard	165 mm

<b>Outer bulb</b>	T16
<b>Maximum diameter</b>	17.0 mm

### Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
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### Lifespan

<b>Nominal lamp life time</b>	13000 h
<b>Rated lamp life time</b>	13000 h
<b>Service life</b>	9000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.95
<b>Rated lamp survival factor at 12,000 h</b>	0.64
<b>Operation mode LLMF/LSF</b>	HF
<b>Lifespan</b>	10000 h <sup>1)</sup>

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

### Additional product data

<b>Base (standard designation)</b>	2G10
<b>Mercury content</b>	2.5 mg

### Capabilities

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

<b>Energy consumption</b>	27 kWh/1000h
<b>Energy efficiency class</b>	G

### Country-specific categorizations

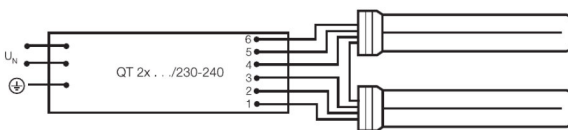
<b>ILCOS</b>	FSD-24/830-E-2G10-90/165
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## Light Distribution

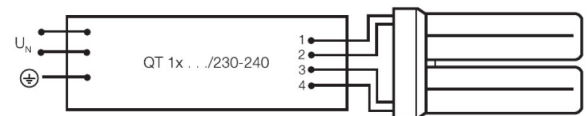


Spectral power distribution

## Wiring Diagram



Wiring diagram



Wiring diagram