

# PRODUCT DATASHEET

## DULUX F 24 W/840 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**

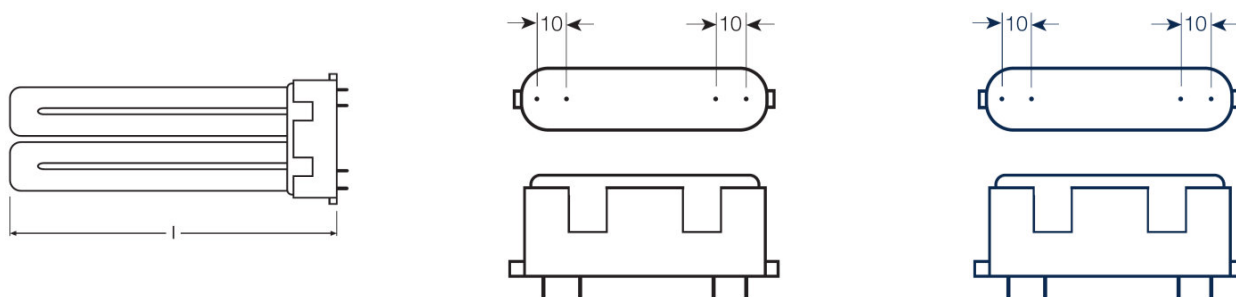
Electrical data

<b>Rated wattage</b>	24.00 W
<b>Nominal wattage</b>	24.00 W

Photometrical data

<b>Nominal luminous flux</b>	1700 lm
<b>Luminous flux at 25 °C</b>	1700 lm
<b>Rated luminous flux</b>	1700 lm
<b>Rated color temperature</b>	4000 K
<b>Color rendering index Ra</b>	≥80
<b>Rated LLMF at 4,000 h</b>	0.86
<b>Rated LLMF at 6,000 h</b>	0.83
<b>Rated LLMF at 8,000 h</b>	0.81
<b>Rated LLMF at 12,000 h</b>	0.77
<b>Luminance</b>	2.5 cd/cm <sup>2</sup>
<b>Light color (designation)</b>	LUMILUX Cool White
<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	1700 lm
<b>Color rendering index Ra</b>	≥80

Dimensions & weight



<b>Diameter</b>	17.5 mm
<b>Overall length</b>	165.0 mm
<b>Tube diameter</b>	17.5 mm
<b>Length</b>	165.0 mm
<b>Length acc. to IEC standard</b>	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>	A

Country-specific categorizations

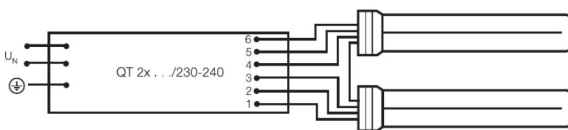
<b>ILCOS</b>	FSD-24/840-E-2G10-90/165
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Light Distribution

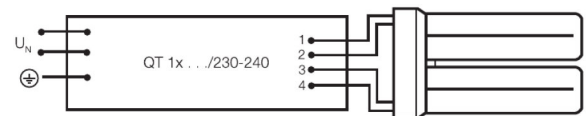


Spectral power distribution

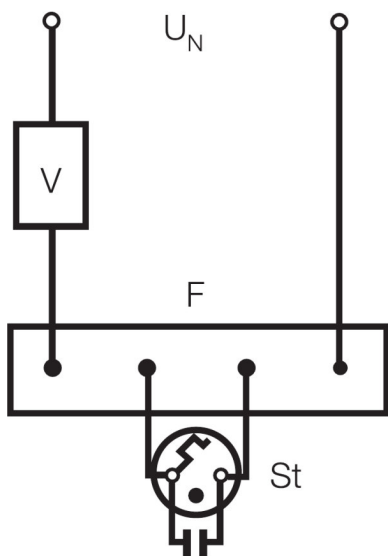
Wiring Diagram



Wiring diagram



Wiring diagram



Wiring diagram

### EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic and conventional control gear

### SAFETY ADVICE

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

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300333588	Folding carton box 1	184 mm x 25 mm x 86 mm	119.80 g	0.40 dm <sup>3</sup>
4050300333595	Shipping carton box 10	280 mm x 105 mm x 195 mm	1319.00 g	5.73 dm <sup>3</sup>

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.

## 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/840 2G10	QT-ECO 1x18-24/220-240 L		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
	QT-M 2x26-42/220-240 S	4008321110022	0.23 A	54.00 W	1700 lm	2
	QTP-DL 1x18-24		0.115 A	26.00 W	1700 lm	1
	QTP-DL 2x18-24		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