

# PRODUCT DATASHEET

## DULUX F 18 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
- Average life: 10,000 h
- Color rendering index  $R_a$ : 80...89



**TECHNICAL DATA**

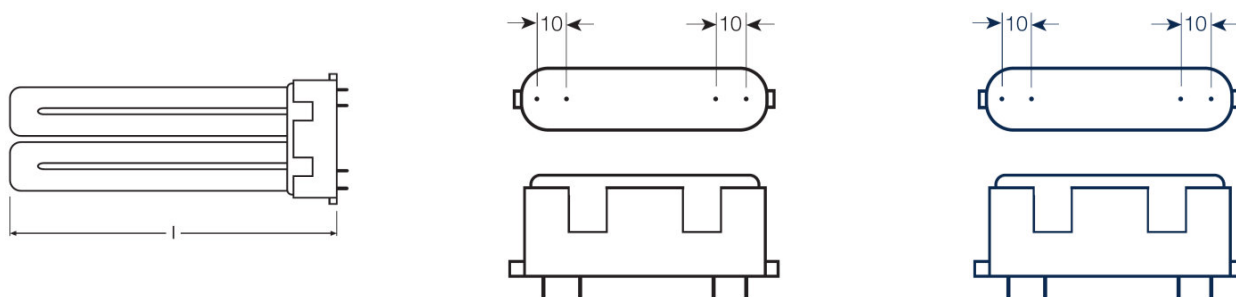
Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W

Photometrical data

Nominal luminous flux	1100 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at 25 °C	1100 lm
Rated luminous flux	1100 lm
Rated color temperature	4000 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	2.4 cd/cm <sup>2</sup>
Color temperature	4000 K
Luminous flux	1100 lm
Color rendering index Ra	80...89

Dimensions & weight



Diameter	17.5 mm
Overall length	122.0 mm
Tube diameter	17.5 mm
Length	122.0 mm
Length acc. to IEC standard	122 mm
Outer bulb	T16
Maximum diameter	17.0 mm

## Temperatures &amp; 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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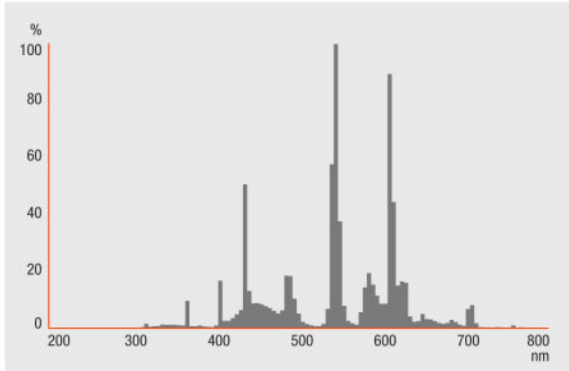
## Certificates &amp; standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	20 kWh/1000h
<b>Energy efficiency class</b>	A

## Country-specific categorizations

<b>ILCOS</b>	FSD-18/840-E-2G10-90/122
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Light Distribution



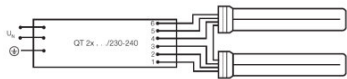
Spectral power distribution

EQUIPMENT / ACCESSORIES

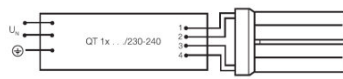
- Suitable for operation on electronic and conventional control gear

SAFETY ADVICE

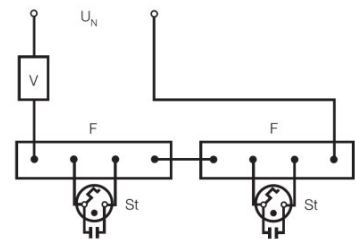
In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)



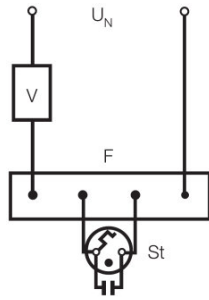
Circuit diagram



Circuit diagram



Circuit diagram



Circuit diagram

**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300333526	DULUX F 18 W/840 2G10	Shipping carton box 10	280 mm x 105 mm x 150 mm	4.41 dm <sup>3</sup>	1066.00 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.

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 18 W/840 2G10	QT-ECO 1x18-24/220-240 L	4050300660417	0.13 A	18.00 W	1000 lm	1
	QT-ECO 1x18-24/220-240 S	4050300638560	0.13 A	18.00 W	1000 lm	1
	QTi 1x18 DIM	4050300870601	0.08 A	18.00 W	1100 lm	1
	QTi 3x18 DIM	4008321069931	0.24 A	53.60 W	1100 lm	3
	QTi 4x18 DIM	4008321070012	0.31 A	69.30 W	1100 lm	4
	QTi DALI 1x18 DIM	4050300870403	0.08 A	18.00 W	1100 lm	1
	QTi DALI 2x18 DIM	4050300870526	0.16 A	37.00 W	1100 lm	2
	QTi DALI 3x18 DIM	4008321069979	0.24 A	53.60 W	1100 lm	3
	QTi DALI 4x18 DIM	4008321070050	0.31 A	69.30 W	1100 lm	4
	QTP-DL 1x18-24	4008321117861	0.085 A	18.00 W	1100 lm	1
	QTP-DL 2x18-24	4008321117885	0.16 A	36.00 W	1100 lm	2
	QTP-M 1x26-42	4008321329134	0.09 A	19.00 W	1050 lm	1
	QTP-M 2x26-32	4008321329158	0.16 A	36.00 W	1050 lm	2
	QTP-OPTIMAL 1x18-40	4008321873743	0.08 A	18.00 W	1050 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.16 A	33.00 W	1050 lm	2

Product name	Product name ECG	EAN	EEI – Energy Label
DULUX F 18 W/840 2G10	QT-ECO 1x18-24/220-240 L	4050300660417	A2
	QT-ECO 1x18-24/220-240 S	4050300638560	A2
	QTi 1x18 DIM	4050300870601	
	QTi 3x18 DIM	4008321069931	
	QTi 4x18 DIM	4008321070012	
	QTi DALI 1x18 DIM	4050300870403	
	QTi DALI 2x18 DIM	4050300870526	

Product name	Product name ECG	EAN	EEI – Energy Label
	QTi DALI 3x18 DIM	4008321069979	
	QTi DALI 4x18 DIM	4008321070050	
	QTP-DL 1x18-24	4008321117861	
	QTP-DL 2x18-24	4008321117885	
	QTP-M 1x26-42	4008321329134	
	QTP-M 2x26-32	4008321329158	
	QTP-OPTIMAL 1x18-40	4008321873743	
	QTP-OPTIMAL 2x18-40	4008321873767	