

---

# Product datasheet

## DULUX F 18 W/840 2G10

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

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



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



## Product datasheet

### Technical data

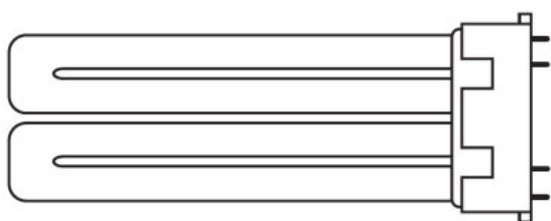
#### Electrical data

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	1100 lm
Rated luminous flux	1100 lm
Rated color temperature	4000 K
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 rendering index Ra	≥80
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

## Product datasheet

Product weight	73.00 g
Maximum diameter	17.0 mm

### Temperatures & operating conditions

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

### Lifespan

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>
Nominal lamp life time	13000 h

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

### Additional product data

Base (standard designation)	2G10
Mercury content	2.5 mg
Appropriate disposal acc. to WEEE	Yes

### Capabilities

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

### Certificates & standards

Energy efficiency class	A
Energy consumption	20 kWh/1000h

### Country specific categorizations

ILCOS	FSD-18/840-E-2G10-90/122
Order reference	DULUX F 18W/840

## Light Distribution

---



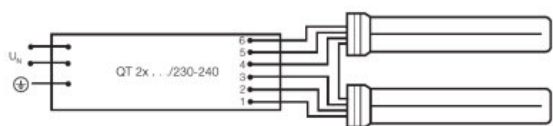
---

FL\_840

---

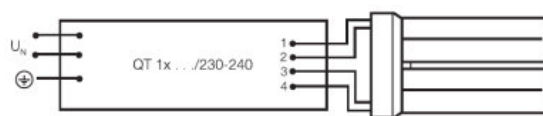
## Equipment / Accessories

- Suitable for operation on electronic and conventional control gear



---

SERIES CONNECTION WITH QUICKTRONIC



---

SINGLE LAMP WITH QUICKTRONIC

## Product datasheet

---

SERIES CONNECTION TO 230V ONLY WITH STARTER  
ST151

SINGLE LAMP STARTER ST 111 OR ST 171

---

### 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 Pieces Folding carton box	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.

---

### 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.

OSRAM is distribution partner  
of LEDVANCE of LAMPS

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany

## DULUX F 18 W/840 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	Power factor $\lambda$ [PIM]	Luminous flux at 35 °C
DULUX F 18 W/840 2G10	QT-ECO 1x18-24/220-240 S	4050300638560	0.13 A	18.00 W	0.60 c	1000 lm
	QTi DALI 2x18 DIM	4050300870526	0.16 A	37.00 W	0.97	1100 lm
	QTi DALI 3x18 DIM	4008321069979	0.24 A	53.60 W	0.98	1100 lm
	QTi DALI 4x18 DIM	4008321070050	0.31 A	69.30 W	0.98	1100 lm
	QTP-M 1x26-42	4008321329134	0.09 A	19.00 W	0.88 c	1050 lm
	QTP-M 2x26-32	4008321329158	0.16 A	36.00 W	0.95	1050 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.08 A	18.00 W	0.90 c	1050 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.16 A	33.00 W	0.95	1050 lm

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
DULUX F 18 W/840 2G10	QT-ECO 1x18-24/220-240 S	4050300638560	1	A2
	QTi DALI 2x18 DIM	4050300870526	2	
	QTi DALI 3x18 DIM	4008321069979	3	
	QTi DALI 4x18 DIM	4008321070050	4	
	QTP-M 1x26-42	4008321329134	1	
	QTP-M 2x26-32	4008321329158	2	
	QTP-OPTIMAL 1x18-40	4008321873743	1	

## Product datasheet

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
	QTP-OPTIMAL 2x18-40	4008321873767	2	