

# PRODUCT DATASHEET

## DULUX L 18 W/840 2G11

OSRAM DULUX L LUMILUX | CFLni, with 4-pin 2G11 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
- Outstanding luminous flux
- Outstanding luminous efficiency
- Long service life
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG
- Less than half as long as tubular fluorescent lamps
- Improved maintenance

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### PRODUCT FEATURES

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G11 base
- Dimmable (1...100 % with QUICKTRONIC QT<sub>i</sub> DALI/DIM)
- Color rendering index  $R_a \geq 80$
- Average life: 20,000 h (with QUICKTRONIC)



- Operates on battery, solar and AC power with suitable electronic control gear
- Also available in blue

## TECHNICAL DATA

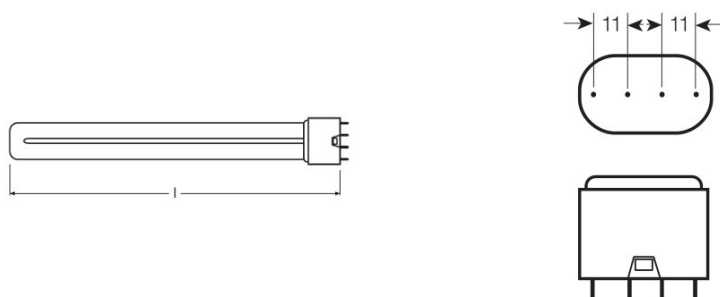
### Electrical data

Nominal voltage	58 V
Rated wattage	18.90 W
Nominal wattage	18.90 W
Nominal current	0.38 A

### Photometrical data

Nominal luminous flux	1175 lm
Luminous flux at 25 °C	1200 lm
Rated luminous flux	1175 lm
Rated color temperature	4000 K
Color rendering index Ra	≥80
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.84
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.80
Luminance	2.1 cd/cm <sup>2</sup>
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Luminous flux	1175 lm
Color rendering index Ra	≥80

### Dimensions & weight



Diameter	17.5 mm
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<b>Overall length</b>	221.0 mm
<b>Tube diameter</b>	17.5 mm
<b>Length</b>	221.0 mm
<b>Length acc. to IEC standard</b>	225 mm
<b>Length with base excl. base pins/connection</b>	217.00 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>	20000 h
<b>Rated lamp life time</b>	20000 h
<b>Service life</b>	13000 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>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.95
<b>Rated lamp survival factor at 16,000 h</b>	0.81
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Lifespan</b>	20000 h <sup>1)</sup>

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

### Additional product data

<b>Base (standard designation)</b>	2G11
<b>Mercury content</b>	2.5 mg
<b>Product remark</b>	For ECG and CCG operation

### Capabilities

<b>Dimmable</b>	Yes
<b>Suitable for indoor</b>	Yes

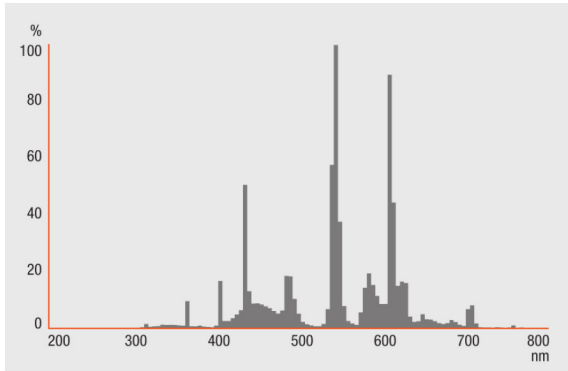
### Certificates & standards

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

### Country-specific categorizations

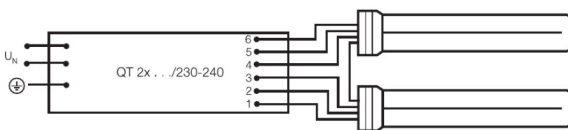
<b>ILCOS</b>	FSD-18/840-E-2G11-43,9/217
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## Light Distribution

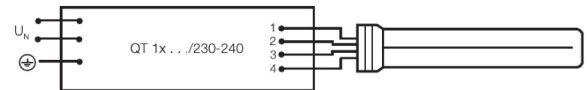


Spectral power distribution

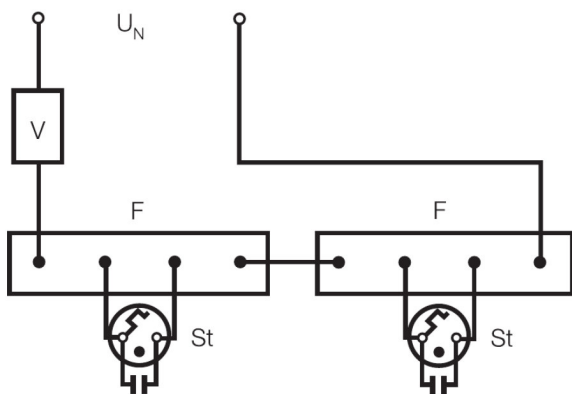
## Wiring Diagram



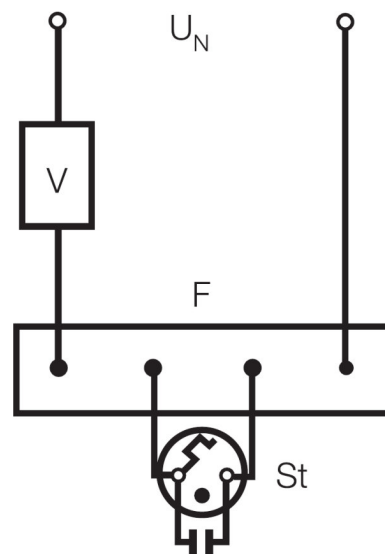
Wiring diagram



Wiring diagram



Wiring diagram



Wiring diagram

### EQUIPMENT / ACCESSORIES

- Suitable for standard control gears and starters
- Suitable for operation on electronic and conventional control gear

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300010724	Folding carton box 1	246 mm x 27 mm x 46 mm	67.67 g	0.31 dm <sup>3</sup>
4050300242125	Shipping carton box 10	260 mm x 103 mm x 136 mm	903.00 g	3.64 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.

### REFERENCES / LINKS

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ [www.ledvance.com/system-guarantee](http://www.ledvance.com/system-guarantee)

### DISCLAIMER

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

## OSRAM DULUX L LUMILUX | CFLni, with 4-pin 2G11 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 L 18 W/840 2G11	QT 1x18 DIM	4008321645647	0.08 A	18.90 W	1350 lm	1
	QT 2x18 DIM	4008321645852	0.17 A	37.70 W	1350 lm	2
	QT-ECO 1x18-24/220-240 L	4050300660417	0.13 A	18.00 W	1200 lm	1
	QT-ECO 1x18-24/220-240 S	4050300638560	0.13 A	18.00 W	1200 lm	1
	QTi 1x18 DIM	4050300870601	0.08 A	19.00 W	1200 lm	1
	QTi 3x18 DIM	4008321069931	0.24 A	53.60 W	1200 lm	3
	QTi 4x18 DIM	4008321070012	0.31 A	69.30 W	1200 lm	4
	QTi DALI 1x18 DIM	4050300870403	0.08 A	18.00 W	1200 lm	1
	QTi DALI 2x18 DIM	4050300870526	0.16 A	37.00 W	1200 lm	2
	QTi DALI 3x18 DIM	4008321069979	0.24 A	53.60 W	1200 lm	3
	QTi DALI 4x18 DIM	4008321070050	0.31 A	69.30 W	1200 lm	4
	QTP-DL 1x18-24	4008321117861	0.085 A	18.00 W	1200 lm	1
	QTP-DL 2x18-24	4008321117885	0.16 A	36.00 W	1200 lm	2
	QTP-M 1x26-42	4008321329134	0.09 A	18.00 W	1150 lm	1
	QTP-M 2x26-32	4008321329158	0.16 A	36.00 W	1150 lm	2
	QTP-OPTIMAL 1x18-40	4008321873743	0.09 A	19.00 W	1150 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.16 A	36.00 W	1150 lm	2

Product name	Product name ECG	EAN	EEI – Energy Label
DULUX L 18 W/840 2G11	QT 1x18 DIM	4008321645647	
	QT 2x18 DIM	4008321645852	
	QT-ECO 1x18-24/220-240 L	4050300660417	A2
	QT-ECO 1x18-24/220-240 S	4050300638560	A2
	QTi 1x18 DIM	4050300870601	

Product name	Product name ECG	EAN	EEI – Energy Label
	QTi 3x18 DIM	4008321069931	
	QTi 4x18 DIM	4008321070012	
	QTi DALI 1x18 DIM	4050300870403	
	QTi DALI 2x18 DIM	4050300870526	
	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	