

## DULUX L 18 W/840 2G11

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OSRAM DULUX L LUMILUX | CFLni, 1 tube, with 4-pin base for ECG/CCG operation



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

### Product benefits

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- 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

### Product features

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- 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  $R_a$ : 80...89
- 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

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### Electrical data

Nominal wattage	18 W
Rated lamp efficacy (standard condition)	67 lm/W
Rated wattage	18 W

### Light technical data

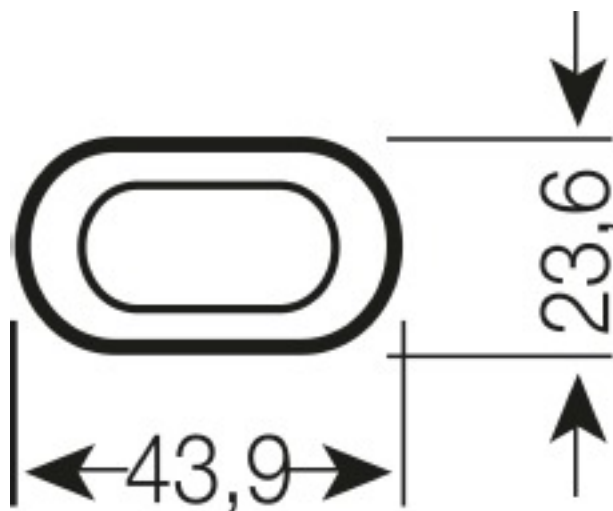
Color rendering index Ra	80...89
Rated luminous flux	1200 lm
Luminous flux at 25 °C	1200 lm
Light color	840
Color temperature	4000 K
Nominal luminous flux	1200 lm
Light color as per EN 12464-1	LUMILUX Cool White
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.86
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>

### Dimensions & weight

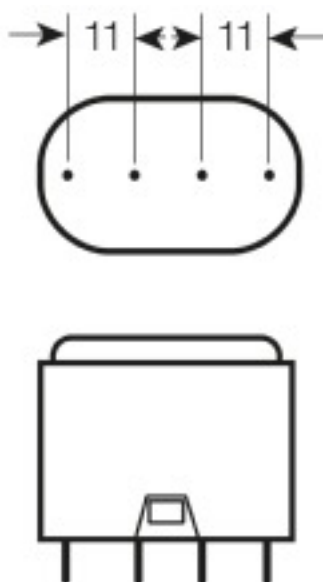
Tube diameter	17.5 mm
Length	217.0 mm
Length acc. to IEC standard	225 mm



*Product line drawing with numbers*



*Prod line drw, top, neutral dimensions*



*Base*

**Colors & materials**

Lamp mercury content	2.6 mg
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**Temperatures**

Rated ambient temp.w.max.luminous flux	25.0 °C
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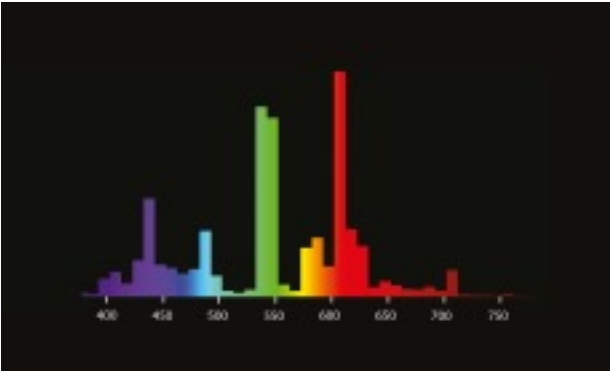
**Lifespan**

Service life	13000 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	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000 h	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Lifespan	20000 h <sup>1)</sup>

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

**Additional product data**

Base (standard designation)	2G11
Appropriate disposal acc. to WEEE	Yes



*Spectral power distribution*

Capabilities

Suitable for indoor	Yes
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Certificates & standards

EEL – Energy Label	B
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Country specific categorizations

UK Org	DL1884
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## Lamp-ECG combination (System)

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### QT-ECO 1x18-24/220-240 L

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#### Products

QT-ECO 1x18-24/220-240 L

### QT-ECO 1x18-24/220-240 S

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#### Products

QT-ECO 1x18-24/220-240 S

### QTP-DL 1x18-24

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#### Products

QTP-DL 1x18-24

### QTP-DL 2x18-24

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#### Products

QTP-DL 2x18-24

### QTP-M 1x26-42

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#### Products

QTP-M 1x26-42

### QTP-M 2x26-32

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#### Products

QTP-M 2x26-32

### QTi 1x18 DIM

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**Products**

QTi 1x18 DIM

**QTi 2x18 DIM**

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**Products**

QTi 2x18 DIM

**QTi 3x18 DIM**

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**Products**

QTi 3x18 DIM

**QTi 4x18 DIM**

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**Products**

QTi 4x18 DIM

**QTi DALI 1x18 DIM**

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**Products**

QTi DALI 1x18 DIM

**QTi DALI 2x18 DIM**

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**Products**

QTi DALI 2x18 DIM

**QTi DALI 3x18 DIM**

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**Products**

QTi DALI 3x18 DIM

**QTi DALI 4x18 DIM**

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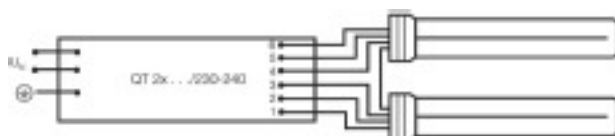
## Products

QTi DALI 4x18 DIM

## Equipment / Accessories

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



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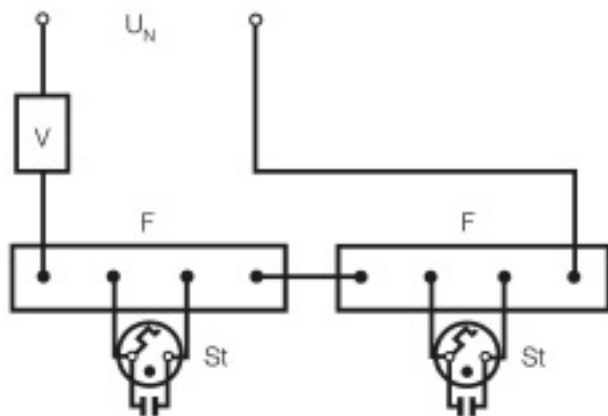
*Circuit diagram*



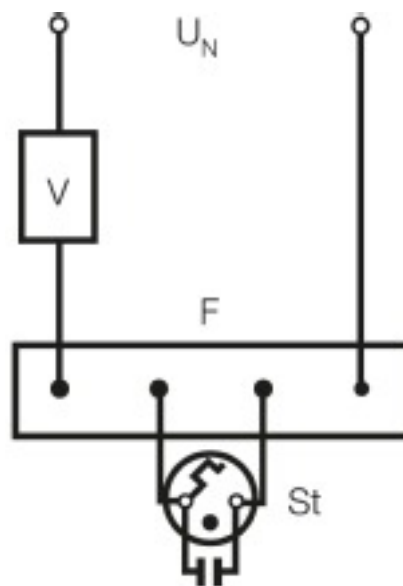
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*Circuit diagram*





Circuit diagram



Circuit diagram

## Logistical Data

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

## References / Links

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For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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

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

## Disclaimer

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