

DULUX L 18 W/830 2G11

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

- 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

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G11 base
- Dimmable (1...100 % with QUICKTRONIC QT_i 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

Electrical data

Nominal wattage	18 W
Rated wattage	18 W

Light technical data

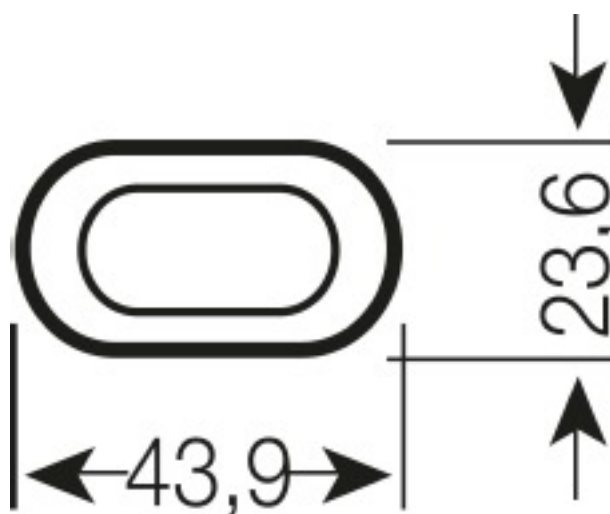
Color rendering index Ra	80...89
Rated luminous flux	1200 lm
Luminous flux at 25 °C	1200 lm
Light color	830
Color temperature	3000 K
Light color as per EN 12464-1	LUMILUX Warm White
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.86
Rated LLMF 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 ²

Dimensions & weight

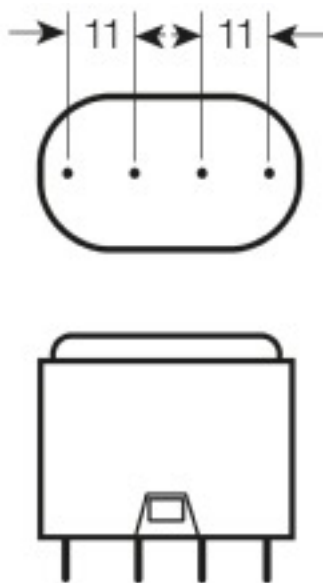
Tube diameter	17.5 mm
Length	217.0 mm
Length acc. to IEC standard	225 mm



Product line drawing with numbers



Prod line drw, top, neutral dimensions



Base

Colors & materials

Lamp mercury content	3.0 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 ¹⁾
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 ¹⁾

¹⁾ With preheat ECG

Additional product data

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

Capabilities

Suitable for indoor	Yes
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Certificates & standards

EEI – Energy Label	B
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Lamp-ECG combination (System)

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

Products

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

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

Products

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

QTP-DL 1x18-24

Products

QTP-DL 1x18-24

QTP-DL 2x18-24

Products

QTP-DL 2x18-24

QTP-M 1x26-42

Products

QTP-M 1x26-42

QTP-M 2x26-32

Products

QTP-M 2x26-32

QTi 1x18 DIM

Products

QTi 1x18 DIM

QTi 2x18 DIM

Products

QTi 2x18 DIM

QTi 3x18 DIM

Products

QTi 3x18 DIM

QTi 4x18 DIM

Products

QTi 4x18 DIM

QTi DALI 1x18 DIM

Products

QTi DALI 1x18 DIM

QTi DALI 2x18 DIM

Products

QTi DALI 2x18 DIM

QTi DALI 3x18 DIM

Products

QTi DALI 3x18 DIM

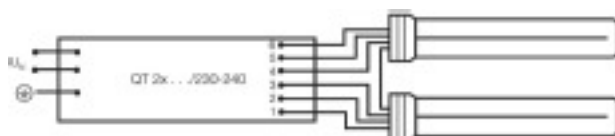
QTi DALI 4x18 DIM

Products

QTi DALI 4x18 DIM

Equipment / Accessories

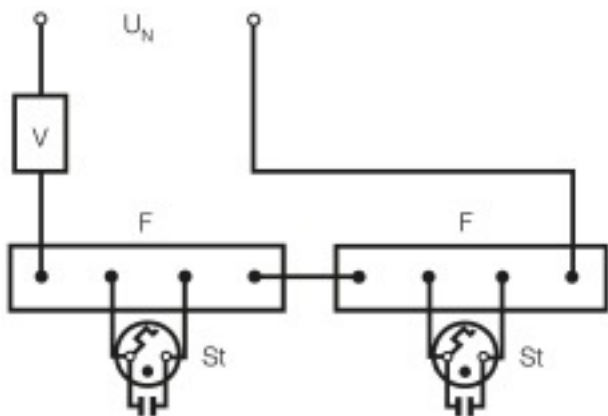
- Suitable for standard control gears and starters
- Suitable for operation on electronic and conventional control gear



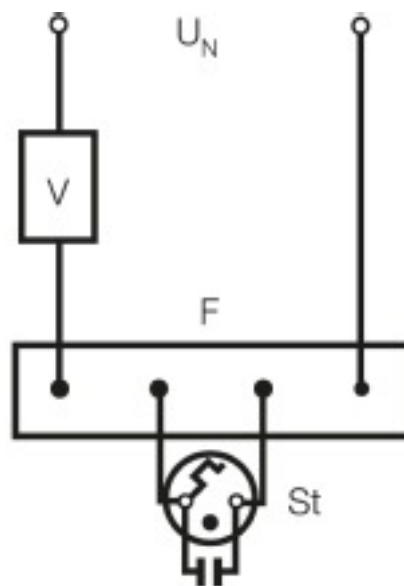
Circuit diagram



Circuit diagram



Circuit diagram



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300010731	Folding carton box 1	46 mm x 27 mm x 246 mm	68.63 g	0.31 dm ³
4050300242149	Shipping carton box 10	136 mm x 103 mm x 260 mm	791.75 g	3.64 dm ³

References / Links

For more information on QUICKTRONIC electronic control gear go to

- ▶ 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

Disclaimer

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