PRODUCT DATASHEET
DULUX L 40 W/830 2G11

OSRAM DULUX L LUMILUX | CFLni, with 4-pin 2G11 base for ECG/CCG operation

AREAS OF APPLICATION

- 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 QTi DALI/DIM)
- Color rendering index R_a: ≥ 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

Rated wattage	40.00 W
Nominal wattage	40.00 W

Photometrical data

Nominal luminous flux	3500 lm
Luminous flux at 25 °C	3500 lm
Rated luminous flux	3500 lm
Rated color temperature	3000 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	2.3 cd/cm²
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Luminous flux	3500 lm
Color rendering index Ra	≥80

Dimensions & weight
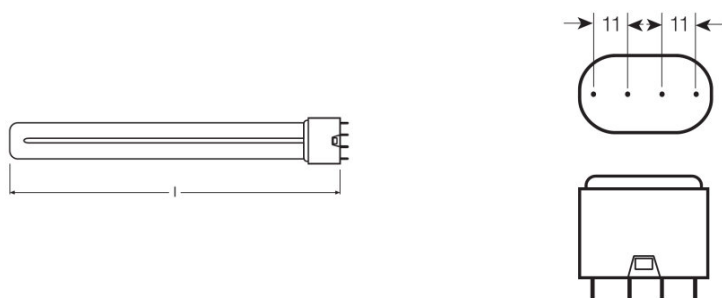
Diameter	17.5 mm
Overall length	530.5 mm
Tube diameter	17.5 mm

Length	533.0 mm
Length acc. to IEC standard	535 mm
Length with base excl. base pins/connection	533.00 mm
Outer bulb	T17,5
Maximum diameter	17.0 mm

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
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
Mercury content	2.5 mg
Product remark	For ECG operation only

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

Energy consumption	44 kWh/1000h
Energy efficiency class	A+

Country-specific categorizations

ILCOS	FSDH-40/830-/P/-2G11-43,9/533

Wiring Diagram
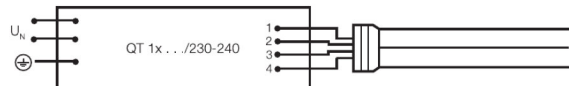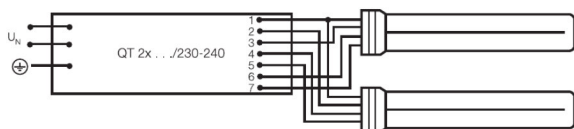
Wiring diagram

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
4050300298894	Folding carton box 1	565 mm x 26 mm x 46 mm	154.33 g	0.68 dm³
4050300298900	Shipping carton box 10	572 mm x 136 mm x 109 mm	1712.67 g	8.48 dm³

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

DISCLAIMER

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

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
DULUX L 40 W/830 2G11	QTi 1x14/24/21/39 GII	4008321383334	0.19 A	44.00 W	3500 lm	1
	QTi 1x21/39 DIM	4050300870564	0.18 A	41.80 W	3500 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	0.37 A	86.00 W	3500 lm	2
	QTi 2x21/39 DIM	4050300870694	0.36 A	82.00 W	3500 lm	2
	QTi DALI 1x21/39 DIM	4050300870366	0.18 A	41.80 W	3500 lm	1
	QTi DALI 2x21/39 DIM	4050300870489	0.36 A	82.00 W	3500 lm	2
	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.20 A	45.00 W	3500 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.38 A	87.00 W	3500 lm	2
	QTP-DL 1x36-40	4008321117908	0.21 A	45.00 W	3600 lm	1
	QTP-DL 2x36-40	4008321117922	0.21 A	90.00 W	3650 lm	2
	QTP-M 1x26-42	4008321329134	0.19 A	43.00 W	3500 lm	1
	QTP-OPTIMAL 1x18-40	4008321873743	0.20 A	44.00 W	3500 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.37 A	88.00 W	3500 lm	2