

# PRODUCT DATASHEET

## DULUX L 55 W/827 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
- 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<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**

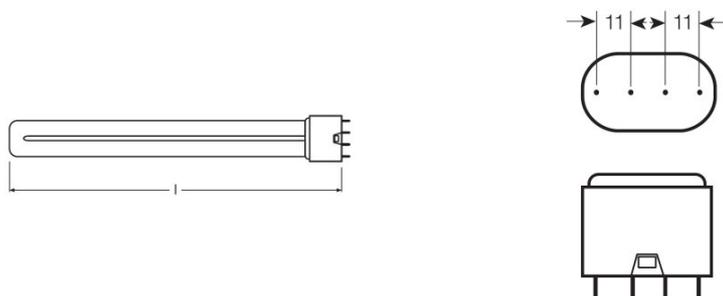
Electrical data

<b>Rated wattage</b>	55.00 W
<b>Nominal wattage</b>	55.00 W

Photometrical data

<b>Nominal luminous flux</b>	4800 lm
<b>Luminous flux at 25 °C</b>	4800 lm
<b>Rated luminous flux</b>	4800 lm
<b>Rated color temperature</b>	2700 K
<b>Color rendering index Ra</b>	≥80
<b>Rated LLMF at 4,000 h</b>	0.90
<b>Rated LLMF at 6,000 h</b>	0.88
<b>Rated LLMF at 8,000 h</b>	0.85
<b>Rated LLMF at 12,000 h</b>	0.84
<b>Rated LLMF at 16,000 h</b>	0.81
<b>Rated LLMF at 20,000 h</b>	0.80
<b>Luminance</b>	3.2 cd/cm <sup>2</sup>
<b>Light color (designation)</b>	LUMILUX INTERNA
<b>Color temperature</b>	2700 K
<b>Luminous flux</b>	4800 lm
<b>Color rendering index Ra</b>	≥80

Dimensions & weight



<b>Diameter</b>	17.5 mm
<b>Overall length</b>	530.5 mm
<b>Tube diameter</b>	17.5 mm

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

### Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
---	---------

### 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 operation only

### Capabilities

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

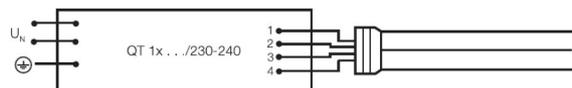
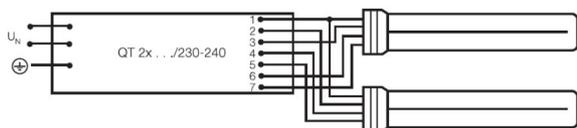
### Certificates & standards

<b>Energy consumption</b>	61 kWh/1000h
<b>Energy efficiency class</b>	A+

### Country-specific categorizations

<b>ILCOS</b>	FSDH-55/827-/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
4050300315881	Folding carton box 1	565 mm x 26 mm x 46 mm	153.60 g	0.68 dm <sup>3</sup>
4050300315898	Shipping carton box 10	572 mm x 136 mm x 109 mm	1723.60 g	8.48 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