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# Product datasheet

## DULUX L 80 W/830 2G11

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



## Product datasheet

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### Technical data

#### Electrical data

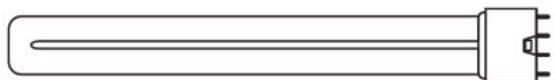
Nominal wattage	80.00 W
Rated wattage	80.00 W

#### Photometrical data

Nominal luminous flux	6000 lm
Light color (designation)	LUMILUX Warm White
Luminous flux at	6500 lm
Rated luminous flux	6000 lm
Rated color temperature	3000 K
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	3.7 cd/cm <sup>2</sup>
Color rendering index Ra	≥80
Color temperature	3000 K
Luminous flux	6000 lm
Color rendering index Ra	80...89

#### Dimensions & weight

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Diameter	17.5 mm
Overall length	562.5 mm
Tube diameter	17.5 mm
Length	565.0 mm

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Length acc. to IEC standard	565 mm
Length with base excl. base pins/connection	565.00 mm
Outer bulb	T16
Product weight	122.00 g
Maximum diameter	17.0 mm

### Temperatures & operating conditions

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

Rated lamp life time	20000 h
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>
Nominal lamp life time	20000 h

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

### Additional product data

Base (standard designation)	2G11
Mercury content	2.5 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only

### Capabilities

Dimmable	Yes
Suitable for indoor	Yes

### Certificates & standards

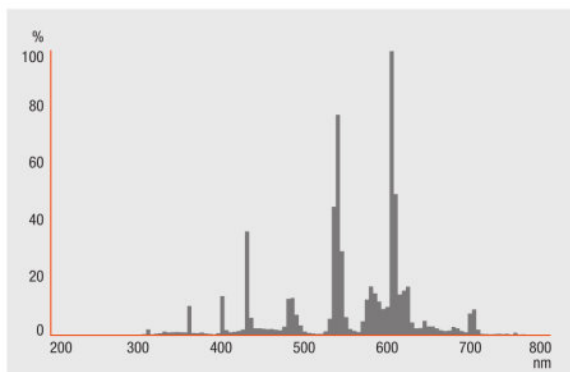
Energy efficiency class	A
Energy consumption	88 kWh/1000h

### Country specific categorizations

## Product datasheet

<b>ILCOS</b>	FSDH-80/830-/P/-2G11-43,9/565
<b>Order reference</b>	DULUX L 80W/830

### Light Distribution



FL\_830

### Equipment / Accessories

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

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300665467	DULUX L 80 W/830 2G11	Shipping carton box 10 Pieces Folding carton box	140 mm x 107 mm x 617 mm	9.24 dm <sup>3</sup>	1810.00 g

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 QUICKTRONIC electronic control gear go to

## Product datasheet

- ▶ [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)

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### Disclaimer

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

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**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany

## DULUX L 80 W/830 2G11

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [PIM]	Luminous flux at 35 °C
DULUX L 80 W/830 2G11	QT-FQ 2x80	4050300825564	0.76 A	175.00 W	0.99	6150 lm
	QTi 1x35/49/80 DIM	4050300870540	0.40 A	88.00 W	0.99	6000 lm
	QTi 1x35/49/80 GII	4008321383372	0.38 A	85.00 W	0.98	6000 lm
	QTi 2x35/49/80 DIM	4050300870984	0.74 A	165.00 W	0.99	6000 lm
	QTi 2x35/49/80 GII	4008321658951	0.70 A	167.00 W	0.99	6000 lm
	QTi DALI 1x35/49/80 DIM	4050300870342	0.40 A	88.00 W	0.99	6000 lm
	QTi DALI 2x35/49/80 DIM	4050300870441	0.74 A	165.00 W	0.99	6000 lm
	QTP5 1x80	4008321329059	0.38 A	86.00 W	0.98	6000 lm

Product name	Product name ECG	EAN	Number of lighting outlets
DULUX L 80 W/830 2G11	QT-FQ 2x80	4050300825564	2
	QTi 1x35/49/80 DIM	4050300870540	1
	QTi 1x35/49/80 GII	4008321383372	1
	QTi 2x35/49/80 DIM	4050300870984	2
	QTi 2x35/49/80 GII	4008321658951	2
	QTi DALI 1x35/49/80 DIM	4050300870342	1
	QTi DALI 2x35/49/80 DIM	4050300870441	2

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Product name	Product name ECG	EAN	Number of lighting outlets
	QTP5 1x80	4008321329059	1