

## DULUX L 80 W/840 2G11

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



### Areas of application

- Narrow luminaires with high temperatures
- Street and city lighting
- Industry
- Applications with special thermal requirements
- Outdoor applications only in suitable luminaires

### Product benefits

- Excellent luminous flux at high and low ambient temperatures
- Very economical
- Good quality of light
- Long service life
- Improved maintenance

### Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G11 base
- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- Dimmable (1...100 %)



# Product datasheet

## Technical data

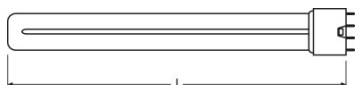
### Electrical data

Nominal wattage	80.00 W
Rated wattage	80.00 W

### Photometrical data

Nominal luminous flux	6500 lm
Rated luminous flux	6500 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
Luminous flux at 25 °C	6500 lm
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	3.7 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight



Overall length	565.0 mm
Product weight	125.00 g
Tube diameter	17.5 mm
Length	565.0 mm
Length acc. to IEC standard	568 mm

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Length with base excl. base pins/connection	565.00 mm
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### Temperatures

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

Nominal lamp life time	20000 h
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>

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

### Additional product data

Base (standard designation)	2G11
Lamp mercury content	1.7 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only

### Capabilities

Suitable for indoor	Yes
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### Certificates & standards

Energy efficiency class	A
Energy consumption	88 kWh/1000h

### Country specific categorizations

ILCOS	FSDH//L//H-80/840-/P/-2G11-43,9/565
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### Equipment / Accessories

– Suitable for operation on electronic control gear

## Product datasheet

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### Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321104861	DULUX L 80 W/840 2G11	Shipping carton box 10	496 mm x 234 mm x 140 mm	16.25 dm <sup>3</sup>	1552.50 g

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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.

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### References / Links

For more information on QUICKTRONIC electronic control gear go to

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

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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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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
DULUX L 80W/840 CONSTANT 2G11	QT 1x80 DIM	4008321640314	0.36 A	82.00 W	6150 lm	1
	QT 2x80 DIM	4008321640413	0.72 A	163.20 W	6150 lm	2
	QT-FQ 2x80	4050300825564	0.76 A	175.00 W	6150 lm	2
	QTi 1x35/49/80 DIM	4050300870540	0.40 A	88.00 W	6000 lm	1
	QTi 1x35/49/80 GII	4008321383372	0.38 A	85.00 W	6000 lm	1
	QTi 2x35/49/80 DIM	4050300870984	0.74 A	165.00 W	6000 lm	2
	QTi 2x35/49/80 GII	4008321658951	0.70 A	167.00 W	6000 lm	2
	QTi DALI 1x35/49/80 DIM	4050300870342	0.40 A	88.00 W	6000 lm	1
	QTi DALI 2x35/49/80 DIM	4050300870441	0.74 A	165.00 W	6000 lm	2
	QTP5 1x80	4008321329059	0.38 A	86.00 W	6000 lm	1