OSRAM

DULUX L 80 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…89
– Average life: 20,000 h (with QUICKTRONIC)
– Operates on battery, solar and AC power with suitable electronic control gear
– Also available in blue
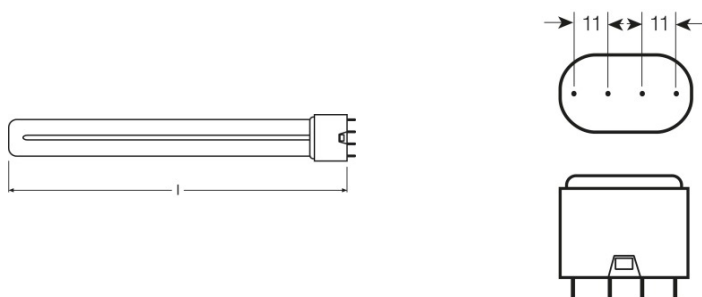
Product datasheet

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	3000 K
Light color	830
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/cm²
Color rendering group	1B

Dimensions & weight

Overall length	565.0 mm
Product weight	147.00 g
Tube diameter	17.5 mm
Length	565.0 mm
Length acc. to IEC standard	565 mm
Length with base excl. base pins/connection	565.00 mm

Product datasheet

Temperatures

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
Lamp mercury content	1.7 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only

Capabilities

Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A
Energy consumption	88 kWh/1000h

Country specific categorizations

ILCOS	FSDH-80/830-/P/-2G11-43,9/565

Product datasheet

Light Distribution
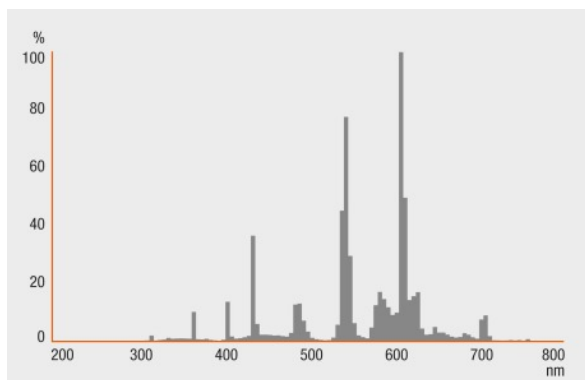
Spectral power distribution

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	617 mm x 107 mm x 191 mm	12.61 dm³	2060.00 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
- 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

Product datasheet

—

DULUX L 80 W/830 2G11

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
DULUX L 80W/830 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