

DULUX L 55 W/840 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 QT_i 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



Technical data

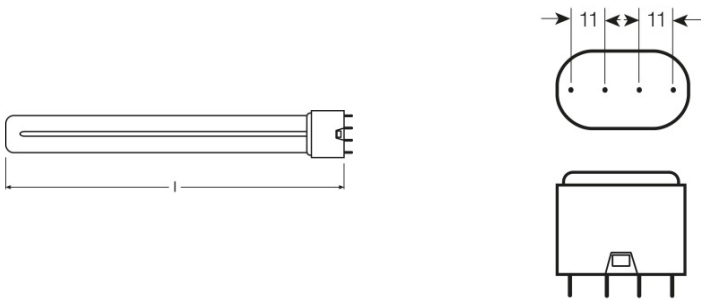
Electrical data

Nominal wattage	55.00 W
Rated wattage	55.00 W
Energy consumption	61 kWh/1000h

Photometrical data

Nominal luminous flux	4800 lm
Rated luminous flux	4800 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	4800 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	3.2 cd/cm²

Dimensions & weight



Product line drawing

Base

Overall length	535.0 mm
Product weight	115.00 g

Product datasheet

Tube diameter	17.5 mm
Length	535.0 mm
Length acc. to IEC standard	535 mm
Length with base excl. base pins/connection	533.00 mm

Colors & materials

Lamp mercury content	3.0 mg
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Temperatures

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

Nominal lamp life time	10000 h
Rated lamp life time	10000 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
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	For ECG operation only

Capabilities

Suitable for indoor	Yes
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Certificates & standards

Energy efficiency class	A+
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Country specific categorizations

Product datasheet

ILCOS	FSDH-55/840-/P/-2G11-43,9/533
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Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300295879	OSRDL55840	8330476	4933897	-
4050300438306	OSRDL5521IF	-	-	-

Product datasheet

Lamp-ECG combination (System)

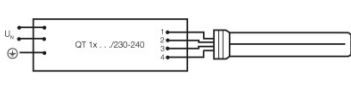
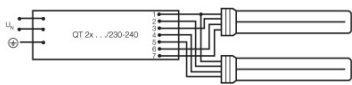
Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
DULUX L 55W/840 2G11	QT-FQ 2x80	4050300825564	0.59 A	122.00 W	4800 lm	2
	QTP-DL 1x55 GII	4008321390158	0.26 A	59.00 W	4800 lm	1
	QTP-DL 2x55 GII	4008321390172	0.51 A	116.00 W	4800 lm	2
	QTP-FC 1x55	4008321537041	0.26 A	59.00 W	4800 lm	1
	QTP-OPTIMAL 1x54-58	4008321873729	0.24 A	50.00 W	4800 lm	1
	QTP-OPTIMAL 2x54-58	4008321880253	0.24 A	98.00 W	4800 lm	2
	QTP5 1x54	4008321329394	0.24 A	55.00 W	4500 lm	1
	QTP5 2x54	4008321329097	0.48 A	107.00 W	4500 lm	2
	QTi 1x28/54 DIM	4050300870588	0.26 A	59.00 W	4800 lm	1
	QTi 1x35/49/80 GII	4008321383372	0.26 A	59.00 W	4800 lm	1
	QTi 2x28/54 DIM	4050300870717	0.51 A	115.00 W	4800 lm	2
	QTi 2x35/49/80 GII	4008321658951	0.53 A	119.00 W	4800 lm	2
	QTi DALI 1x28/54 DIM	4050300870809	0.26 A	59.00 W	4800 lm	1
	QTi DALI 2x28/54 DIM	4050300870502	0.51 A	115.00 W	4800 lm	2



Guarantee

Equipment / Accessories

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



Circuit diagram

Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321077189	DULUX L 55 W/840 2G11	Blister 1	- x - x -		
4008321077196	DULUX L 55 W/840 2G11	Shipping carton box 20	260 mm x 27 mm x 510 mm	3.62 dm ³	6738.00 g
4050300295879	DULUX L 55 W/840 2G11	Folding carton box 1	46 mm x 26 mm x 565 mm	0.68 dm ³	152.00 g
4050300295886	DULUX L 55 W/840 2G11	Shipping carton box 10	118 mm x 202 mm x 507 mm	12.08 dm ³	1741.50 g
4050300438306	DULUX L 55 W/840 2G11	Unpacked 1	48 mm x 23 mm x 540 mm	0.60 dm ³	115.00 g

Product datasheet

4050300438313	DULUX L 55 W/840 2G11	Shipping carton box 50	526 mm x 203 mm x 577 mm	61.61 dm ³	7202.00 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.

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

Disclaimer

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