DULUX L 40 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 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
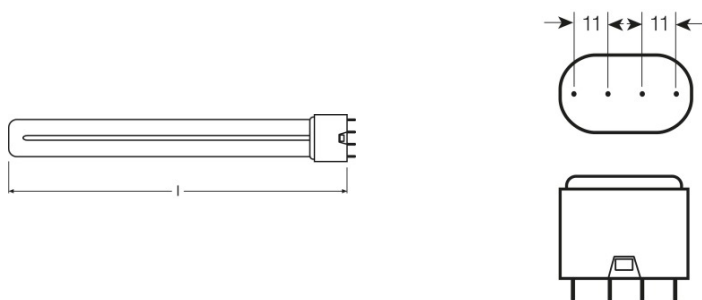- Also available in blue

Product datasheet

Technical data

Electrical data

Nominal wattage	40.00 W
Rated wattage	40.00 W
Energy consumption	44 kWh/1000h

Photometrical data

Nominal luminous flux	3500 lm
Rated luminous flux	3500 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	3500 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	2.3 cd/cm²

Dimensions & weight

Product line drawing

Base

Overall length	533.0 mm
Product weight	115.00 g

Product datasheet

Tube diameter	17.5 mm
Length	533.0 mm
Length acc. to IEC standard	535 mm
Length with base excl. base pins/connection	533.00 mm

Colors & materials

Lamp mercury content	1.7 mg

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
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	For ECG operation only

Capabilities

Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A+

Country specific categorizations

Product datasheet

ILCOS	FSDH-40/840-/P/-2G11-43,9/533

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300279909	OSRDL40840	8330468	4933894	-

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Product datasheet

Lamp-ECG combination (System)

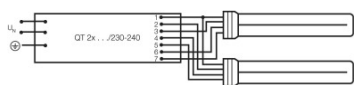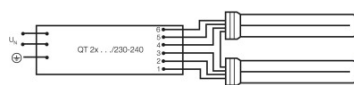| Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
DULUX L 40W/840 2G11	QTP-DL 1x36-40	4008321117908	0.21 A	45.00 W	3600 lm	1
	QTP-DL 2x36-40	4008321117922	0.21 A	90.00 W	3650 lm	2
	QTP-M 1x26-42	4008321329134	0.19 A	43.00 W	3500 lm	1
	QTP-OPTIMAL 1x18-40	4008321873743	0.20 A	44.00 W	3500 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.37 A	88.00 W	3500 lm	2
	QTi 1x14/24/21/39 GII	4008321383334	0.19 A	44.00 W	3500 lm	1
	QTi 1x21/39 DIM	4050300870564	0.18 A	41.80 W	3500 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	0.37 A	86.00 W	3500 lm	2
	QTi 2x21/39 DIM	4050300870694	0.36 A	82.00 W	3500 lm	2
	QTi DALI 1x21/39 DIM	4050300870366	0.18 A	41.80 W	3500 lm	1
	QTi DALI 2x21/39 DIM	4050300870489	0.36 A	82.00 W	3500 lm	2
	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.20 A	45.00 W	3500 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.38 A	87.00 W	3500 lm	2

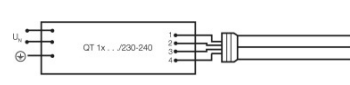# Product datasheet

Guarantee

Equipment / Accessories

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

Circuit diagram

Circuit diagram

Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300279909	DULUX L 40 W/840 2G11	Folding carton box 1	46 mm x 26 mm x 565 mm	0.68 dm³	150.80 g
4050300279916	DULUX L 40 W/840 2G11	Shipping carton box 10	136 mm x 103 mm x 578 mm	8.10 dm³	1678.00 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

Product datasheet

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.

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