PRODUCT DATASHEET
DULUX L SP 24 W/840 2G11

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



AREAS OF APPLICATION

- Street and city lighting
- Industry
- Applications with special thermal requirements

PRODUCT BENEFITS

- Very economical
- Optimum luminous flux at low ambient temperatures (+5 °C)
- Good quality of light
- Long service life

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



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TECHNICAL DATA

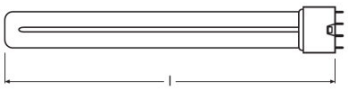
Electrical data

Rated wattage	24.00 W
Nominal wattage	24.00 W

Photometrical data

Nominal luminous flux	1700 lm
Luminous flux at 25 °C	1800 lm
Rated luminous flux	1700 lm
Rated color temperature	4000 K
Color rendering index Ra	80...89
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76
Luminance	2.1 cd/cm²
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Luminous flux	1700 lm
Color rendering index Ra	80...89

Dimensions & weight



Diameter	16.0 mm
Overall length	306.5 mm
Tube diameter	17.5 mm
Length	309.0 mm
Length with base excl. base pins/connection	309.00 mm

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Outer bulb	T16
Maximum diameter	17.0 mm

Temperatures & operating conditions

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
Mercury content	2.3 mg

Capabilities

Suitable for indoor	Yes

Certificates & standards

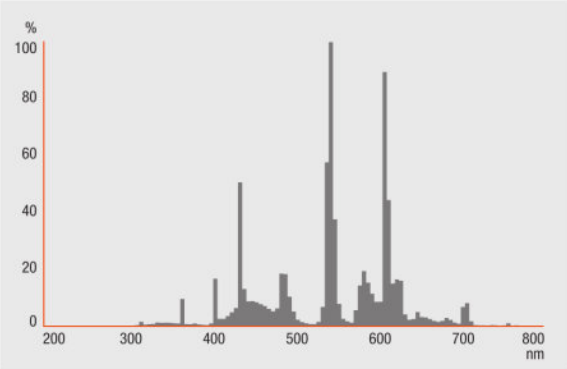
Energy efficiency class	A
Energy consumption	27 kWh/1000h
Energy efficiency class	A

Country-specific categorizations

ILCOS	FSD//L-24/840-E-2G11-43,9/309

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Light Distribution



Spectral power distribution

EQUIPMENT / ACCESSORIES

– Suitable for operation on electronic and conventional control gear

SAFETY ADVICE

In case of lamp breakage: www.ledvance.com/brokenlamp

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321280510	DULUX L SP 24 W/840 2G11	Shipping carton box 10	361 mm x 103 mm x 136 mm	5.06 dm^3	1087.20 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.

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 SP 24 W/840 2G11	QT-ECO 1x18-24/220-240 L	4050300660417	0.16 A	22.50 W	1600 lm	1
	QT-ECO 1x18-24/220-240 S	4050300638560	0.16 A	22.50 W	1600 lm	1
	QTi 1x14/24 DIM	4050300870922	0.11 A	25.00 W	1800 lm	1
	QTi 2x14/24 DIM	4050300870946	0.22 A	49.00 W	1800 lm	2
	QTi 3x14/24 DIM	4008321069719	0.32 A	73.00 W	1800 lm	3
	QTi 4x14/24 DIM	4008321069993	0.43 A	98.00 W	1800 lm	4
	QTi DALI 1x14/24 DIM	4050300870380	0.11 A	25.00 W	1600 lm	1
	QTi DALI 2x14/24 DIM	4050300870861	0.22 A	49.00 W	1800 lm	2
	QTi DALI 3x14/24 DIM	4008321069955	0.32 A	73.00 W	1800 lm	3
	QTi DALI 4x14/24 DIM	4008321070036	0.43 A	98.00 W	1800 lm	4
	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.12 A	26.00 W	1200 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.22 A	51.00 W	1200 lm	2
	QT-M 2x26-42/220-240 S	4008321110022	0.23 A	54.00 W	1750 lm	2
	QTP-DL 1x18-24	4008321117861	0.115 A	26.00 W	1800 lm	1
	QTP-DL 2x18-24	4008321117885	0.22 A	49.00 W	1800 lm	2
	QTP-M 1x26-42	4008321329134	0.12 A	25.00 W	1750 lm	1
	QTP-M 2x26-32	4008321329158	0.22 A	48.00 W	1750 lm	2
	QTP-OPTIMAL 1x18-40	4008321873743	0.12 A	27.00 W	1750 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.23 A	53.00 W	1750 lm	2

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