PRODUCT DATASHEET
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
- 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
- Average life: 20,000 h (with QUICKTRONIC)
- Operates on battery, solar and AC power with suitable electronic control gear

DULUX L 55 W/840 2G11

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– Also available in blue

TECHNICAL DATA

Electrical data

Nominal voltage	101 V
Rated wattage	55.00 W
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Nominal current	0.55 A

Photometrical data

Nominal luminous flux	4320 lm
Luminous flux at 25 °C	4800 lm
Rated luminous flux	4320 lm
Rated color temperature	4000 K
Color rendering index Ra	≥80
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.80
Rated LLMF at 12,000 h	0.76
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.80
Luminance	3.2 cd/cm²
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Luminous flux	4320 lm
Color rendering index Ra	≥80

Dimensions & weight
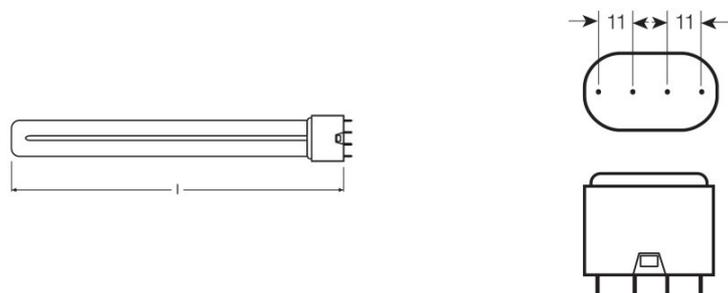
Diameter	17.5 mm

Overall length	538.0 mm
Tube diameter	17.5 mm
Length	538.0 mm
Length acc. to IEC standard	535 mm
Length with base excl. base pins/connection	533.00 mm
Outer bulb	T17,5
Maximum diameter	17.0 mm

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	12000 h
Rated lamp life time	12000 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	0.98
Rated lamp survival factor at 8,000 h	0.92
Rated lamp survival factor at 12,000 h	0.50
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	5.0 mg
Product remark	For ECG operation only

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

Energy consumption	61 kWh/1000h
Energy efficiency class	G

Country-specific categorizations

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