PRODUCT DATASHEET
DULUX L 18 W/827 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

- Less than half as long as tubular fluorescent lamps

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)
- Good color rendering index



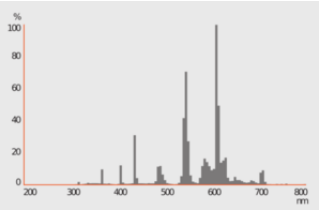
TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.90 W
Nominal voltage	58 V
Nominal current	0.38 A

Photometrical data

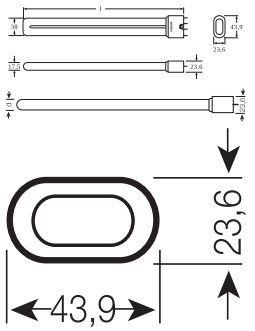
Luminous flux	1175 lm
Luminous efficacy	62 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Rated LLMF at 2,000 h	0.94
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.84
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.80



349636_FL_827

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Dimensions & Weight



Overall length	221.00 mm
Length with base excl. base pins/connection	214,00 mm
Diameter	17,5 mm
Tube diameter	17,5 mm
Product weight	55.4 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

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	0.81
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

1) With preheat ECG

Additional product data

Base (standard designation)	2G11
Mercury content	2.5 mg
Product remark	For ECG and CCG operation

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Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

Country-specific categorizations

ILCOS	FSD-18/827-E-2G11-43,9/217
Order reference	DULUX L 18W/827

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	CFLNI
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	2G11
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	221.00 mm
Height	17,5 mm
Width	17,5 mm
Chromaticity coordinate x	0,455
Chromaticity coordinate y	0,415
Beam angle correspondence	SPHERE_360
EPREL ID	666232
Model number	AC35912

EQUIPMENT / ACCESSORIES

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

Safety advice

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

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077919-EN-00 - DULUX L
PDF	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
PDF	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin

	Photometric and lighting design files	Document name
	Spectral power distribution	349636_FL_827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300010748	Folding box 1	27 mm x 46 mm x 246 mm	71.80 g	0.31 dm^3
4050300242163	Shipping box 10	260 mm x 136 mm x 103 mm	795.20 g	3.64 dm^3

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 the system guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

DISCLAIMER

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