PRODUCT DATASHEET
DULUX L 80 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

- 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





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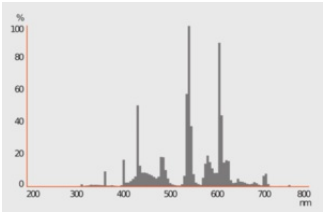
TECHNICAL DATA

Electrical data

Nominal wattage	80 W
Construction wattage	82.00 W
Nominal voltage	145 V
Nominal current	0.56 A

Photometrical data

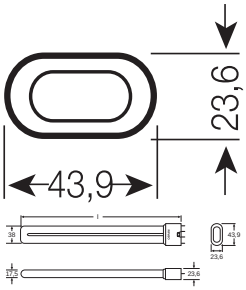
Luminous flux	5600 lm
Luminous efficacy	68 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.94
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.84
Rated LLMF at 16,000 h	0.81
Rated LLMF at 20,000 h	0.80



Dimensions & Weight



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Overall length	565.00 mm
Length with base excl. base pins/connection	565,00 mm
Diameter	17,5 mm
Tube diameter	17,5 mm
Product weight	122.00 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

Nominal 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	0.99
Rated lamp survival factor at 6,000	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	5.0 mg
Product remark	For ECG operation only

Capabilities

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Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	83.00 kWh/1000h

Country-specific categorizations

ILCOS	FSDH-80/840-/P/-2G11-43,9/565
Order reference	DULUX L 80W/840

Energy labellling 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	565.00 mm
Height	17,5 mm
Width	17,5 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle	SPHERE_360
EPREL ID	546523
Model number	AC34297

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

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	DOWNLOAD DATA
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
PDF	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077919-EN-00 - DULUX L

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300665481	Folding box 1	598 mm x 26 mm x 46 mm	190.00 g	0.72 dm^3
4050300665498	Shipping box 10	617 mm x 140 mm x 107 mm	2060.00 g	9.24 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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