

PRODUCT DATASHEET

DULUX L LED HF & AC Mains 18 W/4000K

OSRAM DULUX L LED HF & AC MAINS | LED replacement for CFLni, with 4-pin 2G11 base for ECG and AC mains operation



AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Hotels, restaurants
- Industry
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Quick, simple and safe replacement
- Simple replacement thanks to similar design as conventional compact fluorescent lamps
- Low energy consumption
- Operation directly on 230 V AC mains possible

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in 2G11 base
- Short and compact pin-base lamp with double-turn tubes
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Rated wattage	18.00 W
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	100
Max. lamp no. on circuit break. 16 A (B)	160
Operating frequency	50/60 Hz
Inrush current	20.0 A
Power factor λ	> 0.90

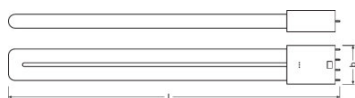
Photometrical data

Nominal luminous flux	2300 lm
Rated luminous flux	2300 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	2300 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	4000 K
Color rendering index Ra	>80

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	140 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	413.4 mm
Diameter	44.0 mm
Outer bulb	-
Length	413.4 mm

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	58 °C

Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	200000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	2G11
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes

Capabilities

Dimmable	No
-----------------	----

Certificates & standards

Photobiological safety group EN62778	RG1
Energy efficiency class	A++
Energy consumption	18 kWh/1000h

Country-specific categorizations

Order reference	DULUX L36LED 18
------------------------	-----------------

SAFETY ADVICE

Only suitable for temperatures of up to 45°C inside of the luminaire.

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with low-loss and conventional control gears

Not suitable for tandem operation.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
--------------	------------------------------	--------------------------------------	--------------	--------

4058075135420	Folding carton box 1	27 mm x 47 mm x 460 mm	200.00 g	0.58 dm ³
4058075135437	Shipping carton box 10	470 mm x 243 mm x 74 mm	2153.00 g	8.45 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.