

# **PRODUCT DATASHEET**DULUX L LED HF 18 W/4000K

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



## **AREAS OF APPLICATION**

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industry
- Outdoor applications only in suitable luminaires

## **PRODUCT BENEFITS**

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Quick, simple and safe replacement
- Simple replacement thanks to similar design as conventional compact fluorescent lamps
- Low energy consumption

## **PRODUCT FEATURES**

- 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	220240 V
Operating frequency	50/60 Hz
Power factor λ	> 0.90

# Photometrical data

Nominal luminous flux	2300 lm	
Rated luminous flux	2300 lm	
Rated color temperature	4000 K	
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 sdcm	
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+35 °C
Maximum temperature at tc test point	65 °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

Ī	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 35°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	460 mm x 47 mm x 27 mm	200.00 g	0.58 dm <sup>3</sup>

4058075135437	Shipping carton box	476 mm x 251 mm x 79 mm	2162.00 g	9.44 dm³
	10			

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.