

# PRODUCT DATASHEET DULUX D LED EM 13 5 W/4000K G24d-1

OSRAM DULUX D LED EM | LED replacement for CFLni, 2 tubes, with 2-pin G24d base for CCG and AC mains operation



#### **AREAS OF APPLICATION**

- General illumination within ambient temperatures from -20...+35 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

#### **PRODUCT BENEFITS**

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Rotatable base around its longitudinal axis (± 90°)
- Low energy consumption
- Easy relamping thanks to compact design

#### **PRODUCT FEATURES**

- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G24d base



## **TECHNICAL DATA**

### Electrical data

Rated wattage	5.00 W
Nominal wattage	5.00 W
Nominal voltage	220240 V
Max. lamp no. on circuit break. 10 A (B)	270
Max. lamp no. on circuit break. B10 A - CCG without compensation	270
Max. lamp no. on circuit break. B10 A - CCG with compensation	270
Max. lamp no. on circuit break. B16 A - CCG without compensation	440
Max. lamp no. on circuit break. B16 A - CCG with compensation	440
Max. lamp no. on circuit break. 16 A (B)	440
Operating frequency	5060 Hz
Power factor $\lambda$	> 0.70

## Photometrical data

Nominal luminous flux	600 lm
Rated luminous flux	600 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	600 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80

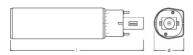
# Light technical data

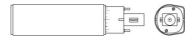
Warm-up time (60 %)	< 0.50 s
Beam angle	120 °
Starting time	< 0.5 s

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## Dimensions & weight





Overall length	148.0 mm
Diameter	35.0 mm
Outer bulb	-
Length	148.0 mm

## Temperatures & operating conditions

Ambient temperature range	-20+35 °C	
Maximum temperature at tc test point	85 °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)	G24d-1
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Show WEEE picto	Yes

# Capabilities

Dimmable	No

# Certificates & standards

Photobiological safety group EN62778	RG1
Energy efficiency class	A++
Energy consumption	5 kWh/1000h

### Country-specific categorizations

Order reference	DULUX D13LED 5W
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#### **SAFETY ADVICE**

Only suitable for temperatures of up to 35°C inside of the luminaire. Not suitable for tandem operation.

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075135109	Folding carton box 1	37 mm x 37 mm x 151 mm	78.00 g	0.21 dm³
4058075135116	Shipping carton box 10	205 mm x 91 mm x 180 mm	841.00 g	3.36 dm <sup>3</sup>

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.