

# PRODUCT DATASHEET

## DULUX D/E LED HF 7 W/4000K 100 mm

OSRAM DULUX D/E LED HF & AC MAINS | LED replacement for CFLni, 2 tubes, with 4-pin G24q base for ECG and AC mains operation



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### AREAS OF APPLICATION

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Quick, simple and safe replacement
- Low energy consumption
- Operation directly on 230 V AC mains possible

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### PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in G24q base
- Rotatable base around its longitudinal axis ( $\pm 90^\circ$ )
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Rated wattage	7.00 W
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	280
Max. lamp no. on circuit break. 16 A (B)	440
Operating frequency	50/60 Hz
Inrush current	< 20 A
Power factor $\lambda$	> 0.90

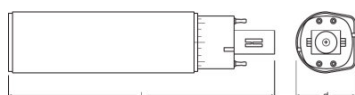
### Photometrical data

Nominal luminous flux	770 lm
Rated luminous flux	770 lm
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	770 lm
Color rendering index Ra	>80
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated color temperature	4000 K
Color rendering index Ra	>80

### Light technical data

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

### Dimensions & weight



<b>Overall length</b>	143.0 mm
<b>Diameter</b>	33.0 mm
<b>Outer bulb</b>	-
<b>Length</b>	143.0 mm

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+50 °C
<b>Maximum temperature at tc test point</b>	85 °C

#### Lifespan

<b>Nominal lamp life time</b>	30000 h
<b>Rated lamp life time</b>	30000 h
<b>Number of switching cycles</b>	200000
<b>Lumen maintenance at end of service life</b>	0.80

#### Additional product data

<b>Base (standard designation)</b>	G24q-2
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Design / version</b>	frosted
<b>Show WEEE picto</b>	Yes

#### Capabilities

<b>Dimmable</b>	No
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#### Certificates & standards

<b>Photobiological safety group EN62778</b>	RG0
<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	7 kWh/1000h

#### Country-specific categorizations

<b>Order reference</b>	DULUXDE18LED 7W
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#### SAFETY ADVICE

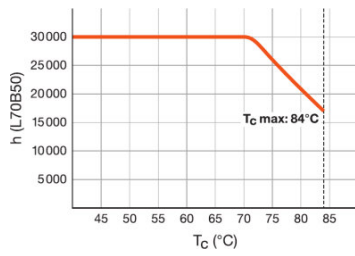
Only suitable for temperatures of up to 35°C inside of the luminaire.

Always check the latest update of the compatibility list available on [www.ledvance.com/ecg-compatibility](http://www.ledvance.com/ecg-compatibility).

Not suitable for operation with conventional control gear

Not suitable for tandem operation.

Tc point is located below the LED module on the back side of the lamp.



Others graphics

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075559158	Folding carton box 1	37 mm x 37 mm x 151 mm	98.00 g	0.21 dm <sup>3</sup>
4058075559165	Shipping carton box 10	193 mm x 82 mm x 165 mm	1042.00 g	2.61 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.