

# PRODUCT DATASHEET

## DULUX D/E LED HF 7 W/3000K

OSRAM DULUX D/E LED HF | 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

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Quick, simple and safe replacement
- Rotatable base around its longitudinal axis ( $\pm 90^\circ$ )
- Low energy consumption

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### PRODUCT FEATURES

- Single-ended four-pin plug-in G24q base
- 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)	120
Max. lamp no. on circuit break. 16 A (B)	180
Operating frequency	50...60 Hz
Inrush current	20.0 A
Power factor $\lambda$	> 0.90

Photometrical data

Nominal luminous flux	640 lm
Rated luminous flux	640 lm
Rated color temperature	3000 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	640 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc
Color rendering index Ra	$\geq 80$

Light technical data

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

Dimensions & weight



<b>Overall length</b>	148.0 mm
<b>Diameter</b>	35.0 mm
<b>Outer bulb</b>	-
<b>Length</b>	148.0 mm

#### Temperatures & operating conditions

<b>Maximum temperature at tc test point</b>	75 °C
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#### 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>	0.70

#### 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>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.

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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4058075135208	Folding carton box 1	37 mm x 37 mm x 151 mm	88.20 g	0.21 dm <sup>3</sup>
4058075135215	Shipping carton box 10	205 mm x 91 mm x 180 mm	1054.00 g	3.36 dm <sup>3</sup>

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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.

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#### DISCLAIMER

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