

PRODUCT DATASHEET

DULUX D/E LED HF 10 W/4000 K 200 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



Areas of application

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

Product benefits

- Quick, simple and safe replacement
- 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 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

Nominal wattage	10 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	26 W
Nominal current	45 mA
Type of current	AC
Inrush current	20 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	200
Max. lamp no. on circuit break. 16 A (B)	300
Total harmonic distortion	≤ 30 %
Power factor λ	> 0,90

Photometrical data

Luminous flux	1100 lm
Nominal useful luminous flux 90°	1100 lm
Luminous efficacy	110 lm/W
Lumen main.fact.at end of nom.li	0.80
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	> 80
Light color	840
Standard deviation of color matching	≤6 sdcn

Light technical data

Beam angle	120 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	120.00 °

Dimensions & weight



Overall length	170.00 mm
Length	170.00 mm
Diameter	33.00 mm
Maximum diameter	33 mm
Product weight	99.000 g

Temperatures & operating conditions

Ambient temperature range	-20...+50 °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 serv	0.80
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	G24q-3
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

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

Certificates & standards

Energy efficiency class	A+ ¹⁾
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group EN62778	RG0

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

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 conventional control gear
- Not suitable for tandem operation.
- Tc point is located below the LED module on the back side of the lamp.

DOWNLOAD DATA

DOWNLOAD DATA



IES file (IES)
DULUXDE26LED10W840230VHFG24Q-3



LDT file (Eulumdat)
DULUXDE26LED10W840230VHFG24Q-3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075559196	Folding box 1	37 mm x 37 mm x 174 mm	115.00 g	0.24 dm ³
4058075559202	Shipping box 10	193 mm x 82 mm x 188 mm	1222.00 g	2.98 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.