

PRODUCT DATASHEET

DULUX D/E LED HF 10 W/3000 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

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|--------------------------------------|------------|
| Luminous flux | 990 lm |
| Nominal useful luminous flux 90° | 990 lm |
| Luminous efficacy | 99 lm/W |
| Lumen main.fact.at end of nom.li | 0.80 |
| Light color (designation) | Warm White |
| Color temperature | 3000 K |
| Color rendering index Ra | > 80 |
| Light color | 830 |
| 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

Order reference

DULUXDE26LED10W

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)
DULUXDE26LED10W830230VHFG24Q-3



LDT file (Eulumdat)
DULUXDE26LED10W830230VHFG24Q-3

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075559172 | Folding box 1 | 37 mm x 37 mm x 174 mm | 115.00 g | 0.24 dm ³ |
| 4058075559189 | 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.