

PRODUCT DATASHEET

DULUX LED T/E26 HF & AC MAINS V 10W 830 GX24Q-3

DULUX LED T/E HF & AC MAINS V | LED replacement for CFLni with 4-pin GX24q base for ECG and AC mains operation



VALUE
CLASS

Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product benefits

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- 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
- Lifetime up to 30,000 h
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Type of protection: IP20
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|-------------------------------|-----------------------------|
| Nominal wattage | 10 W |
| Construction wattage | 10.00 W |
| Nominal voltage | 220...240 V |
| Operating mode | ECG, AC Mains ¹⁾ |
| Nominal current | 44 mA |
| Type of current | AC |
| Inrush current | 5 A |
| Suitable for DC input | Yes |
| Input voltage DC | 186...260 V ²⁾ |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp number on MCB B10 A | 90 |
| Max. lamp number on MCB B16 A | 144 |
| Total harmonic distortion | ≤ 30 % |

1) Check ECG compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

2) Permitted voltage range

Photometrical data

| | |
|---------------------------------|------------|
| Luminous flux | 990 lm |
| Luminous efficacy | 99 lm/W |
| Light color (designation) | Warm White |
| Color temperature | 3000 K |
| Color rendering index Ra | 80 |
| Light color | 830 |
| Rated LLMF at 6,000 h | 0.90 |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.4 |



EPREL data spectral diagram PROF
LEDr 3000K

Dimensions & Weight



| | |
|----------------|-----------|
| Overall length | 140.00 mm |
| Diameter | 41.00 mm |
| Tube diameter | 45,0 mm |
| Product weight | 98.00 g |

Temperatures & operating conditions

| | |
|--------------------------------------|----------------------------|
| Ambient temperature range | -20...+45 °C ¹⁾ |
| Maximum temperature at tc test point | 70 °C |

1) Temperature surrounding the lamp - for enclosed luminaires: temperature inside of the luminaire

Lifespan

| | |
|---------------------------|---------|
| Lifespan L70/B50 at 25 °C | 30000 h |
|---------------------------|---------|

Additional product data

| | |
|-----------------------------|---------|
| Base (standard designation) | GX24q-3 |
| Mercury-free | Yes |
| Design / version | Frosted |

Certificates & Standards

| | |
|--------------------|-----------------|
| Type of protection | IP20 |
| Standards | CE / EAC / UKCA |

| | |
|--|-----|
| Photobiological safety group acc. to EN62778 | RG0 |
|--|-----|

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | DULUX LED T/E26 |
|-----------------|-----------------|

LOGISTICAL DATA

| | |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|--|-----------------|
| Lighting technology used | LED |
| Non-directional or directional | NDLS |
| Mains or non-mains | MLS |
| Light source cap-type (or other electric interface) | GX24q-3 |
| Connected light source (CLS) | No |
| Color-tuneable light source | No |
| Envelope | No |
| High luminance light source | No |
| Anti-glare shield | No |
| Standby power | 0 W |
| Claim of equivalent power | No |
| Length | 140.00 mm |
| Height | 41.00 mm |
| Width | 41.00 mm |
| Chromaticity coordinate x | 0.433 |
| Chromaticity coordinate y | 0.403 |
| R9 Colour rendering index | 0.00 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.90 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1404792,2206813 |
| Model number | AC46450,AC71230 |












Safety advice

- Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.
- Not suitable for operation with conventional control gear.
- The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure Tc

temperature on the product prior to installation.

- All electrical connections must be made by a qualified person.
- Do not touch the lamp with bare fingers.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

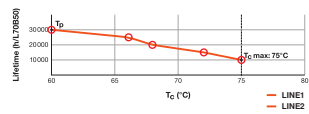
| Documents and certificates | | Document name |
|--|--|---|
|  | User instruction / safety instructions | DULUX LED T/E HF V |
|  | Legal information | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity | DULUX LED |
|  | Declarations of conformity | LEDTUBE |
|  | Declarations of conformity UKCA | DULUX LED |
| Photometric and lighting design files | | Document name |
|  | IES file (IES) | DULUX LED TE26 HF V 10W 830 GX24Q-3 LEDV |
|  | LDT file (Eulumdat) | DULUX LED TE26 HF V 10W 830 GX24Q-3 LEDV |
|  | UGR file (UGR table) | DULUX LED TE26 HF V 10W 830 GX24Q-3 LEDV |
|  | Light distribution curve type cone | DULUX LED TE26 HF V 10W 830 GX24Q-3 LEDV |
|  | Light distribution curve type polar | DULUX LED TE26 HF V 10W 830 GX24Q-3 LEDV |
|  | Spectral power distribution | EPREL data spectral diagram PROF LEDr 3000K |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075822290 | Folding box 1 | 48 mm x 48 mm x 146 mm | 110.00 g | 0.34 dm ³ |
| 4058075822306 | Shipping box 10 | 246 mm x 102 mm x 157 mm | 1221.00 g | 3.94 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.

ADDITIONAL CATALOG INFORMATION



DISCLAIMER

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