

PRODUCT DATASHEET

DULUX S/E 7 W/830

OSRAM DULUX S/E | Short CFLni, with 4-pin base for ECG operation



AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

PRODUCT BENEFITS

- Extremely economical
- Good quality of light
- Improved maintenance
- Low power consumption (7 W, 9 W, 11 W)
- Long service life
- Extremely low profile

PRODUCT FEATURES

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index R_a : 80...89
- Dimmable (3...100 %)
- Short and compact pin-base lamps with single-turn tubes
- Single-ended four-pin plug-in 2G7 base
- Operates on battery, solar and AC power with suitable electronic control gear



TECHNICAL DATA

Electrical data

| | |
|-------------------------------------|---|
| Nominal wattage | 7.00 W |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Rated wattage | 7.10 W |

Photometrical data

| | |
|---------------------------|--------------------|
| Nominal luminous flux | 400 lm |
| Light color (designation) | LUMILUX Warm White |
| Luminous flux at | 400 lm |
| Rated luminous flux | 402 lm |
| Rated color temperature | 3000 K |
| Color rendering index Ra | 80...89 |
| Rated LLMF at 2,000 h | 0.90 |
| Rated LLMF at 4,000 h | 0.86 |
| Rated LLMF at 6,000 h | 0.84 |
| Rated LLMF at 8,000 h | 0.81 |
| Rated LLMF at 12,000 h | 0.79 |
| Rated LLMF at 16,000 h | 0.78 |
| Rated LLMF at 20,000 h | 0.76 |

Dimensions & weight



| | |
|-----------------------------|----------|
| Overall length | 112.0 mm |
| Length | 114.0 mm |
| Length acc. to IEC standard | 115 mm |
| Outer bulb | T12 |
| Maximum diameter | 12.0 mm |

Lifespan

| | |
|---|-----------------------|
| Nominal lamp life time | 20000 h |
| Rated lamp life time | 20000 h |
| Service life | 13000 h ¹⁾ |
| Rated lamp survival factor at 2,000 h | 0.99 |
| Rated lamp survival factor at 4,000 h | 0.99 |
| Rated lamp survival factor at 6,000 h | 0.99 |
| Rated lamp survival factor at 8,000 h | 0.99 |
| Rated lamp survival factor at 12,000 h | 0.95 |
| Rated lamp survival factor at 16,000 h | 0.81 |
| Rated lamp survival factor at 20,000 h | 0.50 |
| Operation mode LLMF/LSF | HF |
| Lifespan | 20000 h ¹⁾ |

¹⁾ With preheat ECG

Additional product data

| | |
|------------------------------------|------------------------|
| Base (standard designation) | 2G7 |
| Mercury content | 1.3 mg |
| Product remark | For ECG operation only |

Capabilities

| | |
|-----------------|-----|
| Dimmable | Yes |
|-----------------|-----|

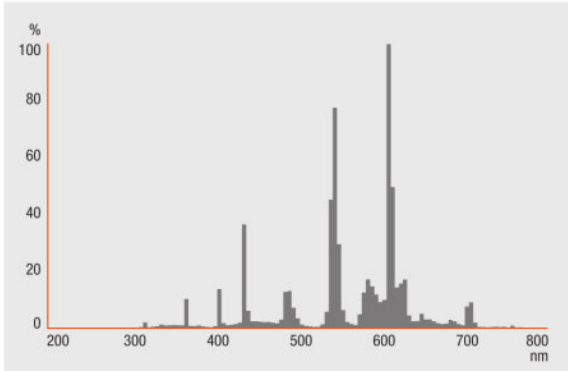
Certificates & standards

| | |
|--------------------------------|-------------|
| Energy efficiency class | A |
| Energy consumption | 8 kWh/1000h |

Country specific categorizations

| | |
|--------------|--------------------|
| ILCOS | FSDH-7/830-/P/-2G7 |
|--------------|--------------------|

Light Distribution



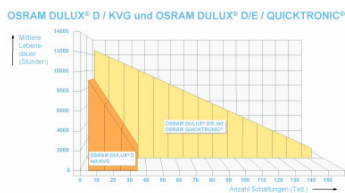
Spectral power distribution

EQUIPMENT / ACCESSORIES

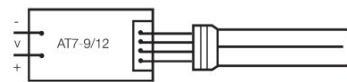
- Suitable for operation on electronic control gear

SAFETY ADVICE

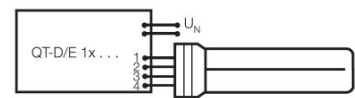
In case of lamp breakage: www.ledvance.com/brokenlamp



Others graphics



Circuit diagram



Circuit diagram

LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|---------------------------------|---|----------------------|--------------|
| 4050300591988 | DULUX S/E 7 W/830 | Shipping carton box 10 | 125 mm x 140 mm x 92 mm | 1.61 dm ³ | 321.00 g |

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.

OSRAM DULUX S/E | Short CFLni, with 4-pin base for ECG operation

| Product name | Product name ECG | EAN | Nominal current | Nominal wattage + Power loss | Luminous flux at | Number of lighting outlets | EEI – Energy Label |
|-------------------|-------------------------|---------------|-----------------|------------------------------|------------------|----------------------------|--------------------|
| DULUX S/E 7 W/830 | QT-ECO 1x4-16/220-240 L | 4050300660370 | 0.06 A | 9.00 W | 400 lm | 1 | A3 |
| | QT-ECO 1x4-16/220-240 S | 4050300638584 | 0.06 A | 9.00 W | 400 lm | 1 | A3 |
| | QT-ECO 2x5-11/220-240 S | 4050300821504 | 0.11 A | 15.00 W | 400 lm | 2 | A2 BAT |