

DULUX S/E 11 W/827

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

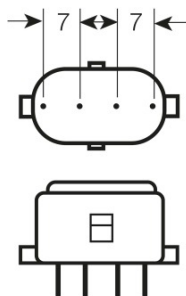
| | |
|-------------------------------------|---|
| Nominal wattage | 11.80 W |
| Rated wattage | 11.80 W |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Energy consumption | 15 kWh/1000h |

Photometrical data

| | |
|-------------------------------|------------------------|
| Nominal luminous flux | 900 lm |
| Rated luminous flux | 900 lm |
| Color temperature | 2700 K |
| Light color | 827 |
| Light color as per EN 12464-1 | LUMILUX INTERNA |
| Color rendering index Ra | 80...89 |
| Luminous flux at 25 °C | 900 lm |
| Rated LLMF at 4,000 h | 0.86 |
| Rated LLMF at 6,000 h | 0.84 |
| Rated LLMF at 8,000 h | 0.82 |
| Rated LLMF at 12,000 h | 0.79 |
| Rated LLMF at 16,000 h | 0.78 |
| Rated LLMF at 20,000 h | 0.76 |
| Luminance | 2.7 cd/cm ² |
| Color rendering group | 1B |

Dimensions & weight

Product datasheet



Product line drawing

Base

| | |
|--|-----------|
| Overall length | 214.0 mm |
| Product weight | 34.80 g |
| Tube diameter | 12 mm |
| Length | 214.0 mm |
| Length acc. to IEC standard | 215 mm |
| Length with base excl. base pins/connection | 214.00 mm |

Colors & materials

| | |
|-----------------------------|--------|
| Lamp mercury content | 1.4 mg |
|-----------------------------|--------|

Temperatures

| | |
|---|---------|
| Rated ambient temp.w.max.luminous flux | 25.0 °C |
|---|---------|

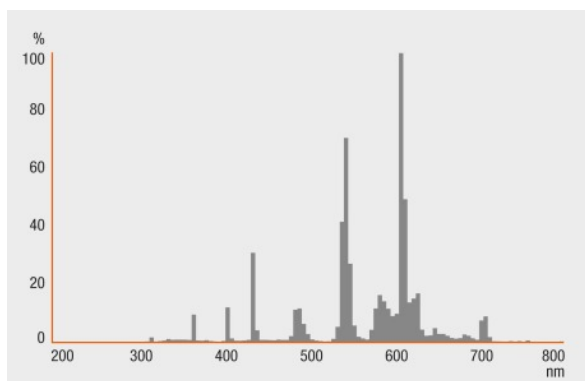
Lifespan

| | |
|---|-----------------------|
| 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⁾ |

Product datasheet

¹⁾ With preheat ECG

Additional product data



Spectral power distribution

| | |
|-----------------------------------|------------------------|
| Base (standard designation) | 2G7 |
| Appropriate disposal acc. to WEEE | Yes |
| Footnote only for product | For ECG operation only |

Capabilities

| | |
|---------------------|-----|
| Suitable for indoor | Yes |
|---------------------|-----|

Certificates & standards

| | |
|-------------------------|---|
| Energy efficiency class | A |
|-------------------------|---|

Country specific categorizations

| | |
|-------|---------------------|
| ILCOS | FSDH-11/827-/P/-2G7 |
|-------|---------------------|

Country specific information

| Product code | METEL code | SEG number | STK number | UK Org |
|---------------|-------------|------------|------------|--------|
| 4050300017662 | OSRDSE11827 | 8330064 | 4933957 | - |

Product datasheet

Lamp-ECG combination (System)

| Product name | Product name ECG | EAN | Nominal current | Nominal wattage + Power loss | Luminous flux at 25 °C | Number of lighting outlets |
|-----------------------|-------------------------|---------------|-----------------|---------------------------------|---------------------------|-------------------------------|
| DULUX S/E 11W/827 2G7 | DT-S/E 5-11/220-240 L | 4008321181473 | 0.10 A | 13.50 W | 900 lm | 1 |
| | DT-S/E 5-11/220-240 S | 4008321181459 | 0.10 A | 13.50 W | 900 lm | 1 |
| | QT-ECO 1x4-16/220-240 L | 4050300660370 | 0.09 A | 13.00 W | 900 lm | 1 |
| | QT-ECO 1x4-16/220-240 S | 4050300638584 | 0.09 A | 13.00 W | 900 lm | 1 |
| | QT-ECO 2x5-11/220-240 S | 4050300821504 | 0.16 A | 24.00 W | 700 lm | 2 |
| | QTP-D/E 1x10-13 | 4008321181572 | 0.06 A | 14.00 W | 900 lm | 1 |
| | QTP-D/E 2x10-13 | 4008321181596 | 0.12 A | 28.00 W | 950 lm | 2 |

Product datasheet



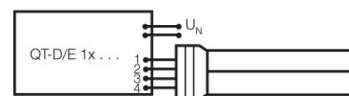
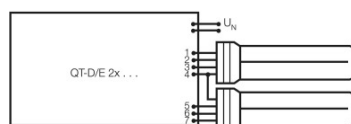
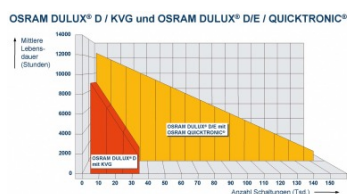
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Equipment / Accessories

- Suitable for operation on electronic control gear

Safety advice

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



Others graphics

Circuit diagram

Circuit diagram

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (height x width x length) | Volume | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300017662 | DULUX S/E 11 W/827 | Folding carton box 1 | 39 mm x 23 mm x 229 mm | 0.21 dm ³ | 44.80 g |
| 4050300251295 | DULUX S/E 11 W/827 | Shipping carton box 10 | 155 mm x 203 mm x 99 mm | 3.12 dm ³ | 508.00 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.

References / Links

For more information on QUICKTRONIC electronic control gear go to
▶ www.osram.com/QUICKTRONIC

Disclaimer

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