

DULUX L 55 W/840 2G11

OSRAM DULUX L LUMILUX | CFLni, with 4-pin 2G11 base for ECG/CCG operation



Areas of application

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

Product benefits

- Very economical
- Outstanding luminous flux
- Outstanding luminous efficiency
- Long service life
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG
- Less than half as long as tubular fluorescent lamps
- Improved maintenance

Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G11 base
- Dimmable (1...100 % with QUICKTRONIC QT_i DALI/DIM)
- Color rendering index R_a: 80...89
- Average life: 20,000 h (with QUICKTRONIC)
- Operates on battery, solar and AC power with suitable electronic control gear
- Also available in blue



Product datasheet

Technical data

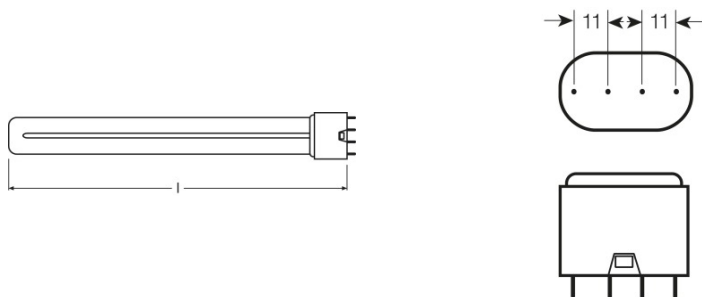
Electrical data

| | |
|---------------------|---------|
| Nominal wattage | 55.00 W |
| Nominal voltage | 101 V |
| Rated wattage | 55.00 W |
| Rated luminous flux | 4800 lm |

Photometrical data

| | |
|---------------------------|------------------------|
| Nominal luminous flux | 4800 lm |
| Light color (designation) | LUMILUX Cool White |
| Luminous flux at 25 °C | 4800 lm |
| Color temperature | 4000 K |
| Color rendering index Ra | ≥80 |
| Rated LLMF at 4,000 h | 0.86 |
| Rated LLMF at 6,000 h | 0.82 |
| Rated LLMF at 8,000 h | 0.80 |
| Rated LLMF at 12,000 h | 0.76 |
| Rated LLMF at 16,000 h | 0.81 |
| Rated LLMF at 20,000 h | 0.80 |
| Luminance | 3.2 cd/cm ² |

Dimensions & weight



| | |
|---|-----------|
| Diameter | 17.5 mm |
| Overall length | 530.5 mm |
| Tube diameter | 17.5 mm |
| Length | 533.0 mm |
| Length acc. to IEC standard | 535 mm |
| Length with base excl. base pins/connection | 533.00 mm |

Product datasheet

| | |
|------------------|---------|
| Outer bulb | T17,5 |
| Maximum diameter | 17.0 mm |

Temperatures & operating conditions

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

Lifespan

| | |
|--|-----------------------|
| Nominal lamp life time | 12000 h |
| Rated lamp life time | 12000 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 | 0.98 |
| Rated lamp survival factor at 8,000 h | 0.92 |
| Rated lamp survival factor at 12,000 h | 0.50 |
| 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) | 2G11 |
| Lamp mercury content | 2.5 mg |
| Product remark | For ECG operation only |

Capabilities

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

Certificates & standards

| | |
|-------------------------|--------------|
| Energy efficiency class | A+ |
| Energy consumption | 61 kWh/1000h |

Country specific categorizations

| | |
|-------|-------------------------------|
| ILCOS | FSDH-55/840-/P/-2G11-43,9/533 |
|-------|-------------------------------|

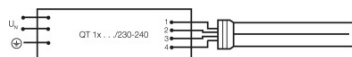
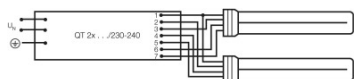
Equipment / Accessories

– Suitable for standard control gears and starters

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Product datasheet

Suitable for operation on electronic and conventional control gear



Circuit diagram

Circuit diagram

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|--------------------------|---------------------------------|---|-----------------------|--------------|
| 4050300295879 | DULUX L 55 W/840 2G11 | Shipping carton box 10 | 507 mm x 202 mm x 118 mm | 12.08 dm ³ | 1741.50 g |
| 4050300438306 | DULUX L 55 W/840 2G11 | Shipping carton box 50 | 577 mm x 203 mm x 526 mm | 61.61 dm ³ | 7202.00 g |
| 4052899308534 | DULUX L 55 W/840 2G11 | Shipping carton box 10 | 136 mm x 103 mm x 578 mm | 8.10 dm ³ | 1735.00 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

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Disclaimer

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

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OSRAM DULUX L LUMILUX | CFLni, with 4-pin 2G11 base for ECG/CCG operation

| Product name | Product name ECG | EAN | Nominal current | Nominal wattage + Power loss | Luminous flux at 35 °C | Number of lighting outlets |
|-----------------------|----------------------|---------------|-----------------|------------------------------|------------------------|----------------------------|
| DULUX L 55 W/840 2G11 | QT-FQ 2x80 | 4050300825564 | 0.59 A | 122.00 W | 4800 lm | 2 |
| | QTi 1x28/54 DIM | 4050300870588 | 0.26 A | 59.00 W | 4800 lm | 1 |
| | QTi 1x35/49/80 GII | 4008321383372 | 0.26 A | 59.00 W | 4800 lm | 1 |
| | QTi 2x28/54 DIM | 4050300870717 | 0.51 A | 115.00 W | 4800 lm | 2 |
| | QTi 2x35/49/80 GII | 4008321658951 | 0.53 A | 119.00 W | 4800 lm | 2 |
| | QTi DALI 1x28/54 DIM | 4050300870809 | 0.26 A | 59.00 W | 4800 lm | 1 |
| | QTi DALI 2x28/54 DIM | 4050300870502 | 0.51 A | 115.00 W | 4800 lm | 2 |
| | QTP5 1x54 | 4008321329394 | 0.24 A | 55.00 W | 4500 lm | 1 |
| | QTP5 2x54 | 4008321329097 | 0.48 A | 107.00 W | 4500 lm | 2 |
| | QTP-DL 1x55 GII | 4008321390158 | 0.26 A | 59.00 W | 4800 lm | 1 |
| | QTP-DL 2x55 GII | 4008321390172 | 0.51 A | 116.00 W | 4800 lm | 2 |
| | QTP-FC 1x55 | 4008321537041 | 0.26 A | 59.00 W | 4800 lm | 1 |
| | QTP-OPTIMAL 1x54-58 | 4008321873729 | 0.24 A | 50.00 W | 4800 lm | 1 |
| | QTP-OPTIMAL 2x54-58 | 4008321880253 | 0.48 A | 110.00 W | 4800 lm | 2 |