

## DULUX D/E 26 W/840

OSRAM DULUX D/E | CFLni, 2 tubes, with 4-pin base for ECG operation



### Areas of application

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

### Product benefits

- Extremely economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG

### Product features

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- Dimmable (3...100 %)
- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in G24q base
- Operates on battery, solar and AC power with suitable electronic control gear



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## Technical data

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### Electrical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Nominal wattage                     | 26.00 W                                                   |
| Rated wattage                       | 26.00 W                                                   |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Energy consumption                  | 29 kWh/1000h                                              |

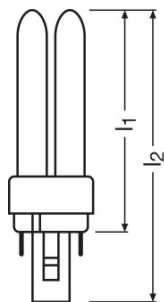
### Photometrical data

|                               |                        |
|-------------------------------|------------------------|
| Nominal luminous flux         | 1800 lm                |
| Rated luminous flux           | 1800 lm                |
| Color temperature             | 4000 K                 |
| Light color                   | 840                    |
| Light color as per EN 12464-1 | LUMILUX Cool White     |
| Color rendering index Ra      | 80...89                |
| Luminous flux at 25 °C        | 1800 lm                |
| Rated LLMF at 4,000 h         | 0.84                   |
| Rated LLMF at 6,000 h         | 0.82                   |
| 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                   |
| Luminance                     | 5.5 cd/cm <sup>2</sup> |
| Color rendering group         | 1B                     |

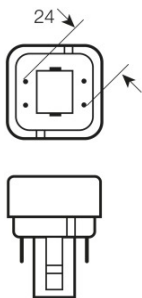
### Dimensions & weight

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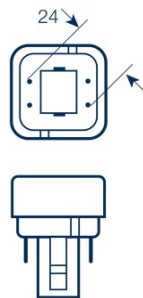
Product datasheet



Product line drawing



Base



Base

|                                             |           |
|---------------------------------------------|-----------|
| Overall length                              | 165.0 mm  |
| Product weight                              | 49.00 g   |
| Tube diameter                               | 12 mm     |
| Length                                      | 165.0 mm  |
| Length acc. to IEC standard                 | 160 mm    |
| Length with base excl. base pins/connection | 149.00 mm |

Colors & materials

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

Temperatures

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

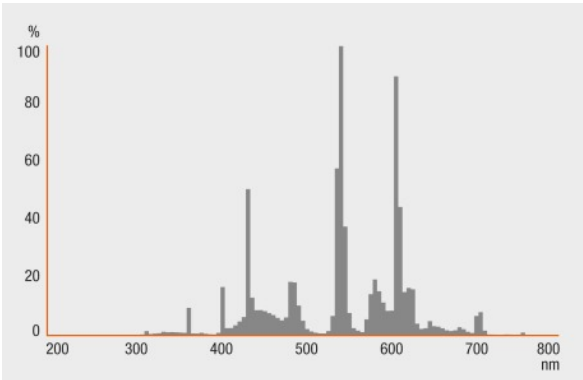
Lifespan

|                                        |                       |
|----------------------------------------|-----------------------|
| Nominal lamp life time                 | 20000 h               |
| Rated lamp life time                   | 20000 h               |
| Service life                           | 13000 h <sup>1)</sup> |
| 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  | 0.98                  |
| 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 <sup>1)</sup> |

Product datasheet

1) With preheat ECG

Additional product data



Spectral power distribution

|                                   |        |
|-----------------------------------|--------|
| Base (standard designation)       | G24q-3 |
| Appropriate disposal acc. to WEEE | Yes    |

Capabilities

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

Certificates & standards

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

Country specific categorizations

|       |                        |
|-------|------------------------|
| ILCOS | FSQH-26/840-/P/-G24q-3 |
|-------|------------------------|

Country specific information

| Product code  | METEL code  | SEG number | STK number | UK Org |
|---------------|-------------|------------|------------|--------|
| 4050300020303 | OSRDDE26840 | 8330198    | 4933935    | -      |

## Product datasheet

### Lamp-ECG combination (System)

| Product name             | Product name ECG         | EAN           | Nominal current | Nominal wattage<br>+ Power loss | Luminous flux at<br>25 °C | Number of<br>lighting outlets |
|--------------------------|--------------------------|---------------|-----------------|---------------------------------|---------------------------|-------------------------------|
| DULUX D/E 26W/840 G24Q-3 | QT-ECO 1x26/220-240 S    | 4008321065971 | 0.18 A          | 23.50 W                         | 1600 lm                   | 1                             |
|                          | QT-ECO T/E 2x26/220-240  | 4050300804002 | 0.25 A          | 53.00 W                         | 3500 lm                   | 2                             |
|                          | QT-M 2x26-42/220-240 S   | 4008321110022 | 0.23 A          | 54.00 W                         | 2*1800 lm                 | 2                             |
|                          | QTP-M 1x26-42            | 4008321329134 | 0.12 A          | 27.00 W                         | 1750 lm                   | 1                             |
|                          | QTP-M 2x26-32            | 4008321329158 | 0.24 A          | 53.00 W                         | 2*1750 lm                 | 2                             |
|                          | QTP-T/E (1x26-42), 2x26  | 4008321537089 | 0.24 A          | 54.00 W                         | 2*1750 lm                 | 2                             |
|                          | QTP-T/E 1x26-42, (2x26)  | 4008321537089 | 0.13 A          | 28.00 W                         | 1750 lm                   | 1                             |
|                          | QTi DALI-T/E 1x18-57 DIM | 4008321060808 | 0.13 A          | 29.00 W                         | 1800 lm                   | 1                             |
|                          | QTi DALI-T/E 2x18-42 DIM | 4008321060822 | 0.25 A          | 56.00 W                         | 2*1800 lm                 | 2                             |
|                          | QTi-T/E 1x18-57 DIM      | 4008321060860 | 0.13 A          | 29.00 W                         | 1800 lm                   | 1                             |
|                          | QTi-T/E 2x18-42 DIM      | 4008321060846 | 0.25 A          | 56.00 W                         | 2*1800 lm                 | 2                             |

Product datasheet



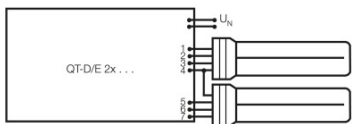
Guarantee

Equipment / Accessories

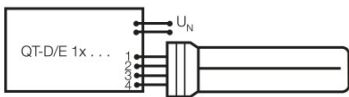
- Suitable for operation on electronic control gear

Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



Circuit diagram



Circuit diagram

Logistical Data

| Product code  | Product description   | Packaging unit<br>(Pieces/Unit) | Dimensions (height x<br>width x length) | Volume                | Gross weight |
|---------------|-----------------------|---------------------------------|-----------------------------------------|-----------------------|--------------|
| 4008321543905 | DULUX D/E 26<br>W/840 | Folding carton box<br>1         | - x - x -                               |                       |              |
| 4008321543912 | DULUX D/E 26<br>W/840 | Shipping carton box<br>80       | 187 mm x 296 mm x<br>371 mm             | 20.54 dm <sup>3</sup> | 4836.00 g    |
| 4050300020303 | DULUX D/E 26<br>W/840 | Folding carton box<br>1         | 36 mm x 36 mm x<br>179 mm               | 0.23 dm <sup>3</sup>  | 59.00 g      |

## Product datasheet

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|               |                       |                           |                             |                      |          |
|---------------|-----------------------|---------------------------|-----------------------------|----------------------|----------|
| 4050300253107 | DULUX D/E 26<br>W/840 | Shipping carton box<br>10 | 110 mm x 182 mm x<br>196 mm | 3.92 dm <sup>3</sup> | 665.00 g |
|---------------|-----------------------|---------------------------|-----------------------------|----------------------|----------|

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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.

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### References / Links

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For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

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