

## CFL SQUARE 16 W/835 GR8

OSRAM CFL SQUARE 2 pins | Square CFLni with 2-pin GR8 base for CCG operation



### Areas of application

- Low-profile wall and ceiling luminaires
- Public buildings, reception areas, offices, corridors, etc.
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industry

### Product benefits

- Square shape provides uniform distribution of light
- No shadows at either end and no dark patches
- Extremely low profile
- Very economical
- Good quality of light
- Long service life

### Product features

- Single-ended two-pin plug-in GR8 base
- Short and compact pin-base lamp with double-turn tubes
- Color rendering index  $R_a$ : 80...89



Technical data

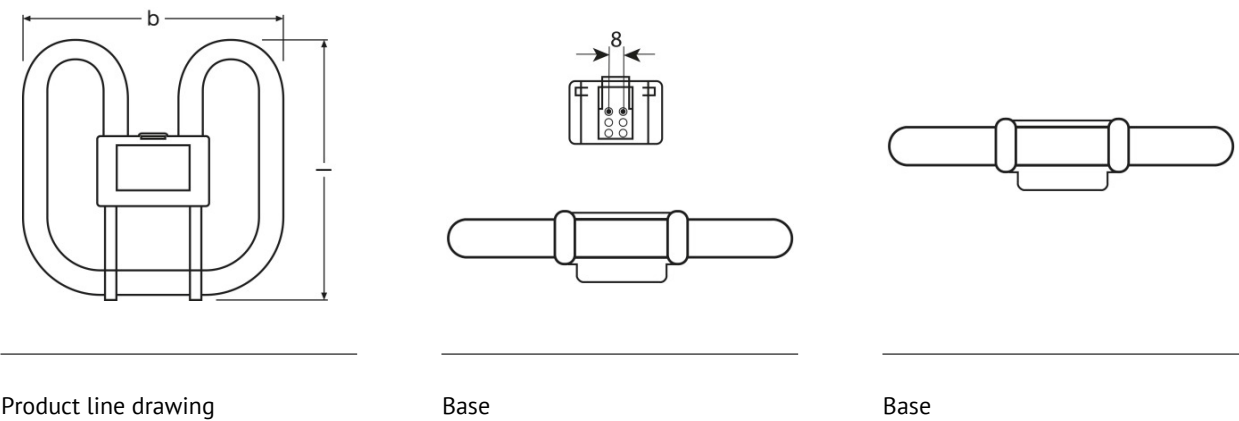
Electrical data

|                    |              |
|--------------------|--------------|
| Nominal wattage    | 16.00 W      |
| Rated wattage      | 16.00 W      |
| Energy consumption | 20 kWh/1000h |

Photometrical data

|                               |               |
|-------------------------------|---------------|
| Nominal luminous flux         | 1050 lm       |
| Rated luminous flux           | 1050 lm       |
| Color temperature             | 3500 K        |
| Light color                   | 835           |
| Light color as per EN 12464-1 | LUMILUX White |
| Color rendering index Ra      | 80...89       |
| Luminous flux at 25 °C        | 1050 lm       |
| Rated LLMF at 4,000 h         | 0.78          |
| Rated LLMF at 6,000 h         | 0.76          |
| Rated LLMF at 8,000 h         | 0.75          |
| Color rendering group         | 1B            |

Dimensions & weight



|                             |                        |
|-----------------------------|------------------------|
| Overall length              | 138.0 mm               |
| Product weight              | 71.00 g                |
| Length                      | 138.0 mm <sup>1)</sup> |
| Length acc. to IEC standard | 138 mm                 |

<sup>1)</sup> Maximum

Product datasheet

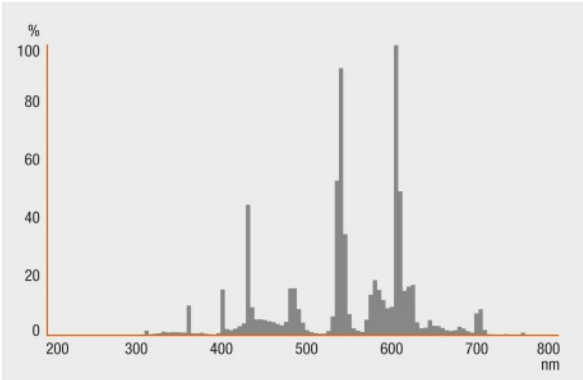
Colors & materials

|                      |        |
|----------------------|--------|
| Lamp mercury content | 3.5 mg |
|----------------------|--------|

Lifespan

|                                       |         |
|---------------------------------------|---------|
| Nominal lamp life time                | 10000 h |
| Rated lamp life time                  | 10000 h |
| Service life                          | 6000 h  |
| Rated lamp survival factor at 2,000 h | 0.99    |
| Rated lamp survival factor at 4,000 h | 0.94    |
| Rated lamp survival factor at 6,000 h | 0.84    |
| Rated lamp survival factor at 8,000 h | 0.69    |
| Operation mode LLMF/LSF               | 50 Hz   |
| Lifespan                              | 10000 h |

Additional product data



Spectral power distribution

|                                   |     |
|-----------------------------------|-----|
| Base (standard designation)       | GR8 |
| Appropriate disposal acc. to WEEE | Yes |

Capabilities

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

Product datasheet

Certificates & standards

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

Country specific categorizations

|       |                  |
|-------|------------------|
| ILCOS | FSS-16/835-I-GR8 |
|-------|------------------|

Country specific information

| Product code  | METEL code   | SEG number | STK number | UK Org |
|---------------|--------------|------------|------------|--------|
| 4050300816838 | OSRSQ168352P | 8330242    | 4934235    | -      |



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Guarantee

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### Equipment / Accessories

- Suitable for operation on conventional control gear

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### Safety advice

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

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### Logistical Data

| Product code  | Product description        | Packaging unit<br>(Pieces/Unit) | Dimensions (height x<br>width x length) | Volume                | Gross weight |
|---------------|----------------------------|---------------------------------|-----------------------------------------|-----------------------|--------------|
| 4050300816838 | CFL SQUARE 16<br>W/835 GR8 | Folding carton box<br>1         | 152 mm x 34 mm x<br>152 mm              | 0.79 dm <sup>3</sup>  | 118.00 g     |
| 4050300816845 | CFL SQUARE 16<br>W/835 GR8 | Shipping carton box<br>20       | 322 mm x 185 mm x<br>326 mm             | 19.42 dm <sup>3</sup> | 2834.00 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.

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### Disclaimer

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