

# PRODUCT DATASHEET

## CFL SQUARE 38 W/835 GR10Q

OSRAM CFL SQUARE 4 pins | Square CFLni with 4-pin GR10q base for ECG/CCG operation



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

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

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### PRODUCT FEATURES

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in GR10q base
- Color rendering index  $R_a: \geq 80$



**TECHNICAL DATA**

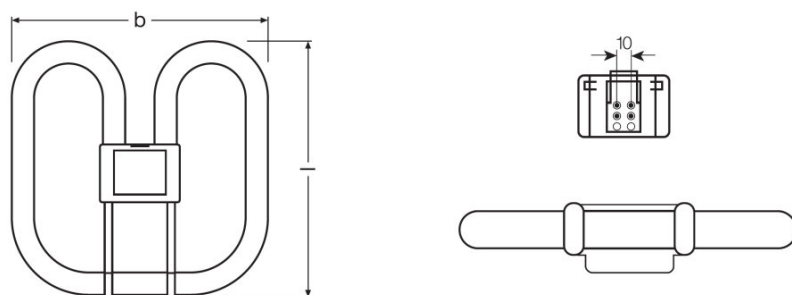
Electrical data

|                 |         |
|-----------------|---------|
| Nominal voltage | 220 V   |
| Rated wattage   | 38.50 W |
| Nominal wattage | 38.00 W |
| Nominal current | 0.43 A  |

Photometrical data

|                           |               |
|---------------------------|---------------|
| Nominal luminous flux     | 2735 lm       |
| Luminous flux at 25 °C    | 2700 lm       |
| Rated luminous flux       | 2735 lm       |
| Rated color temperature   | 3500 K        |
| Color rendering index Ra  | ≥80           |
| Rated LLMF at 4,000 h     | 0.88          |
| Rated LLMF at 6,000 h     | 0.85          |
| Rated LLMF at 8,000 h     | 0.82          |
| Rated LLMF at 12,000 h    | 0.78          |
| Light color (designation) | LUMILUX White |
| Color temperature         | 3500 K        |
| Luminous flux             | 2735 lm       |
| Color rendering index Ra  | ≥80           |

Dimensions & weight



|                             |                        |
|-----------------------------|------------------------|
| Overall length              | 205.0 mm               |
| Length                      | 205.0 mm <sup>1)</sup> |
| Length acc. to IEC standard | 205 mm                 |
| Outer bulb                  | T12                    |
| Maximum diameter            | 17.0 mm                |

<sup>1)</sup> Maximum

## Lifespan

|  |                      |
|--|----------------------|
| Nominal lamp life time                 | 13000 h              |
| Rated lamp life time                   | 13000 h              |
| Service life                           | 7500 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  | 0.95                 |
| Rated lamp survival factor at 8,000 h  | 0.88                 |
| Rated lamp survival factor at 12,000 h | 0.59                 |
| Operation mode LLMF/LSF                | HF                   |
| Lifespan                               | 13000 h              |

<sup>1)</sup> With preheat ECG

## Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | GR10q  |
| Mercury content             | 2.5 mg |

## Capabilities

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

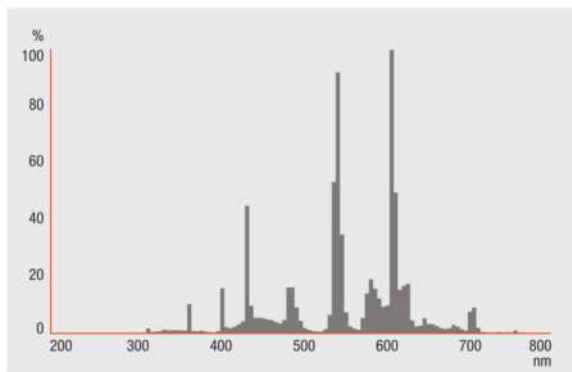
## Certificates &amp; standards

|                         |              |
|-------------------------|--------------|
| Energy consumption      | 43 kWh/1000h |
| Energy efficiency class | A            |

## Country-specific categorizations

|       |                    |
|-------|--------------------|
| ILCOS | FSS-38/835-E-GR10q |
|-------|--------------------|

Light Distribution



Spectral power distribution

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic and conventional control gear

SAFETY ADVICE

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

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4050300817026 | Folding carton box<br>1      | 220 mm x 35 mm x 220 mm              | 251.00 g     | 1.69 dm <sup>3</sup>  |
| 4050300817033 | Shipping carton box<br>20    | 457 mm x 251 mm x 389 mm             | 5548.00 g    | 44.62 dm <sup>3</sup> |

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.