# PRODUCT DATASHEET
# CFL SQUARE 28 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

## Product features

- Single-ended two-pin plug-in GR8 base
- Short and compact pin-base lamp with double-turn tubes
- Good color rendering index







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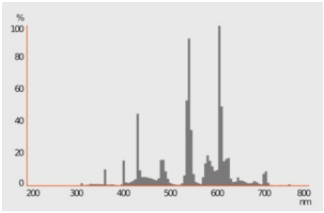
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 28 W |
| Construction wattage | 29.10 W |
| Nominal voltage | 108 V |
| Nominal current | 0.32 A |

### Photometrical data

| | |
|---|---|
| Luminous flux | 1900 lm |
| Luminous efficacy | 65 lm/W |
| Light color (designation) | LUMILUX White |
| Color temperature | 3500 K |
| Color rendering index Ra | ≥80 |
| Light color | 835 |
| Rated LLMF at 2,000 h | 0.85 |
| Rated LLMF at 4,000 h | 0.78 |
| Rated LLMF at 6,000 h | 0.76 |
| Rated LLMF at 8,000 h | 0.75 |




### Dimensions & Weight

| | |
|---|---|
| Overall length | 204.00 mm |
| Diameter | 18.20 mm |
| Product weight | 128.00 g |

### Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -5…+40 °C |

### Lifespan







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| | |
|---|---|
| Lifespan | 10000 h |
| Service life | 6000 h |
| Rated lamp survival factor at 2,000 h | 0.99 |
| Rated lamp survival factor at 4,000 | 0.94 |
| Rated lamp survival factor at 6,000 | 0.84 |
| Rated lamp survival factor at 8,000 h | 0.68 |
| Lifespan B50 | 10000 h |

## Additional product data

| | |
|---|---|
| Base (standard designation) | GR8 |
| Mercury content | 3.0 mg |
| Design / version | OSRAM CFL SQUARE® 2-Pin for CCG |

## Capabilities

| | |
|---|---|
| Dimmable | No |

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | G |
| Energy consumption | 30.00 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| ILCOS | FSS-28/835-I-GR8 |
| Order reference | CFL SQUARE 28W/ |

## Energy labelling regulation data acc EU 2019/2015

| | |
|---|---|
| Lighting technology used | CFLNI |
| Non-directional or directional | NDLS |
| Mains or non-mains | NMLS |
| Light source cap-type (or other electric interface) | GR8 |
| Connected light source (CLS) | No |
| Color-tuneable light source | No |
| Envelope | No |
| High luminance light source | No |
| Anti-glare shield | No |
| Correlated colour temperature type | SINGLE_VALUE |
| Claim of equivalent power | No |
| Length | 204.00 mm [1)] |


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| | |
|---|---|
| Height | 33,0 mm |
| Width | 207 mm |
| Chromaticity coordinate x | 0,409 |
| Chromaticity coordinate y | 0,394 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546537 |
| Model number | AC34311,AC34311 |

1) Maximum

## EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

## Safety advice

- In case of lamp breakage: www.ledvance.com/brokenlamp

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | Certificates |
| PDF | Certificates |
| PDF | Declarations of conformity |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4050300816937 | Folding box<br>1 | 220 mm x 35 mm x 220 mm | 251.00 g | 1.69 $dm^3$ |
| 4050300816944 | Shipping box<br>20 | 457 mm x 251 mm x 389 mm | 5772.00 g | 44.62 $dm^3$ |

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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