# PRODUCT DATASHEET
# CFL SQUARE 28 W/827 GR10Q

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

## Product benefits

- Square shape provides uniform distribution of light
- No shadows at either end and no dark patches
- Extremely low profile

## Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in GR10q base
- Good color rendering index







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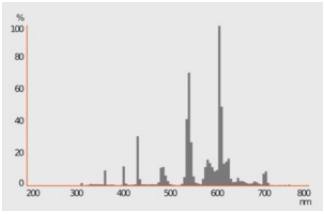
## TECHNICAL DATA

### 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 INTERNA |
| Color temperature | 2700 K |
| Color rendering index Ra | ≥80 |
| Light color | 827 |
| Rated LLMF at 2,000 h | 0.90 |
| 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 |




### 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 |


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## Lifespan

| | |
|---|---|
| Service life | 7500 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 | 0.95 |
| Rated lamp survival factor at 8,000 h | 0.88 |
| Rated lamp survival factor at 12,000 h | 0.59 |
| Lifespan B50 | 10000 h |

1) With preheat ECG

## Additional product data

| | |
|---|---|
| Base (standard designation) | GR10q |
| Mercury content | 3.0 mg |
| Design / version | OSRAM CFL SQUARE® 4-Pin |

## Capabilities

| | |
|---|---|
| Dimmable | Yes |

## Certificates & Standards

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

## Country-specific categorizations

| | |
|---|---|
| ILCOS | FSS-28/827-E-GR10q |
| 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) | GR10q |
| 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 |


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| | |
|---|---|
| Claim of equivalent power | No |
| Length | 204.00 mm [1)] |
| Height | 33.0 mm |
| Width | 207 mm |
| Chromaticity coordinate x | 0,463 |
| Chromaticity coordinate y | 0,420 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546538 |
| Model number | AC34312 |

1) Maximum

## EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic and conventional control gear

## Safety advice

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

## DOWNLOAD DATA

| | Documents and certificates |
|---|---|
| PDF | Declarations Of Conformity CE |
| PDF | Certificates |

| | Photometric and lighting design files |
|---|---|
| | Spectral power distribution |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4050300816951 | Folding box<br>1 | 220 mm x 35 mm x 220 mm | 251.00 g | 1.69 $dm^3$ |
| 4050300816968 | Shipping box<br>20 | 457 mm x 389 mm x 251 mm | 5772.00 g | 44.62 $dm^3$ |


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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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