

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
- Very economical
- Extremely low profile
- Good quality of light
- Long service life

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 : 80...89



TECHNICAL DATA

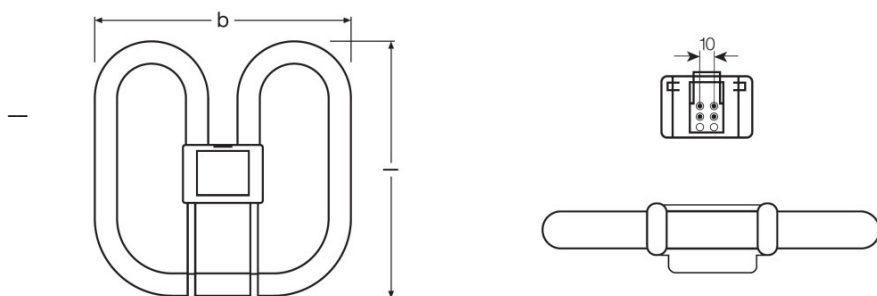
Electrical data

| | |
|------------------------|---------|
| Nominal wattage | 28.00 W |
| Rated wattage | 28.00 W |

Photometrical data

| | |
|----------------------------------|-----------------|
| Nominal luminous flux | 2050 lm |
| Light color (designation) | LUMILUX INTERNA |
| Luminous flux at 25 °C | 2050 lm |
| Rated luminous flux | 2050 lm |
| Rated color temperature | 2700 K |
| Color rendering index Ra | 80...89 |
| 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 | 205.0 mm |
| Length | 205.0 mm ¹⁾ |
| Length acc. to IEC standard | 205 mm |
| Outer bulb | T12 |
| Maximum diameter | 17.0 mm |

¹⁾ Maximum

Lifespan

| | |
|-------------------------------|----------------------|
| Nominal lamp life time | 13000 h |
| Rated lamp life time | 13000 h |
| 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 |
| Operation mode LLMF/LSF | HF |
| Lifespan | 13000 h |

¹⁾ With preheat ECG

Additional product data

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

Capabilities

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

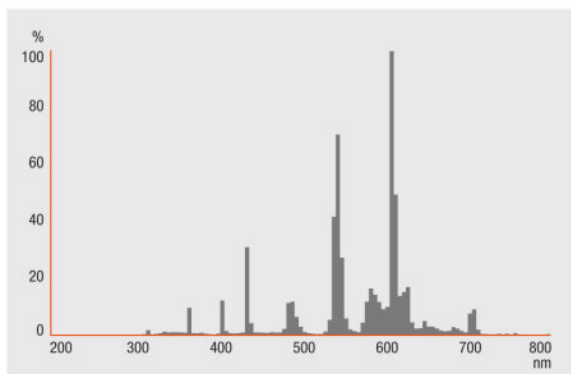
Certificates & standards

| | |
|-------------------------|--------------|
| Energy efficiency class | A |
| Energy consumption | 31 kWh/1000h |

Country-specific categorizations

| | |
|-------|--------------------|
| ILCOS | FSS-28/827-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

LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4050300816951 | CFL SQUARE 28 W/827 GR10Q | Shipping carton box 20 | 457 mm x 251 mm x 389 mm | 44.62 dm ³ | 5772.00 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.

DISCLAIMER

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