

# PRODUCT DATASHEET

## CFL SQUARE 28 W/827 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**

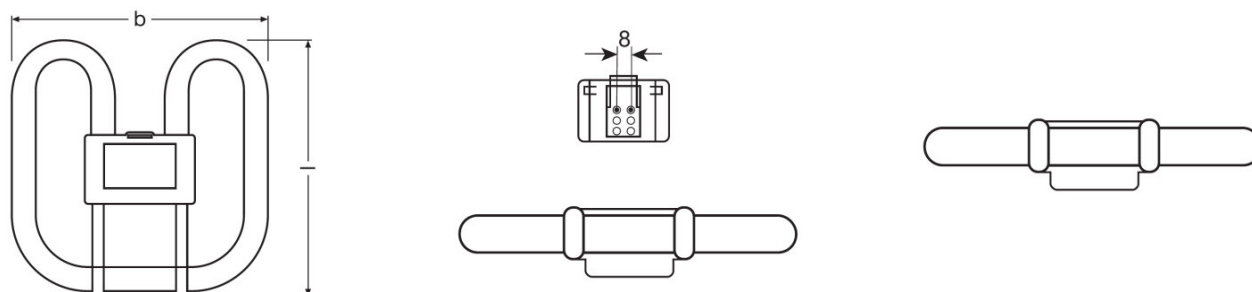
Electrical data

Nominal wattage	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	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Color temperature	2700 K
Luminous flux	2050 lm
Color rendering index Ra	80...89

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	10000 h
------------------------	---------

<b>Rated lamp life time</b>	10000 h
<b>Service life</b>	6000 h
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.94
<b>Rated lamp survival factor at 6,000 h</b>	0.84
<b>Rated lamp survival factor at 8,000 h</b>	0.68
<b>Operation mode LLMF/LSF</b>	50 Hz
<b>Lifespan</b>	10000 h

#### Additional product data

<b>Base (standard designation)</b>	GR8
<b>Mercury content</b>	2.5 mg

#### Capabilities

<b>Suitable for indoor</b>	Yes
----------------------------	-----

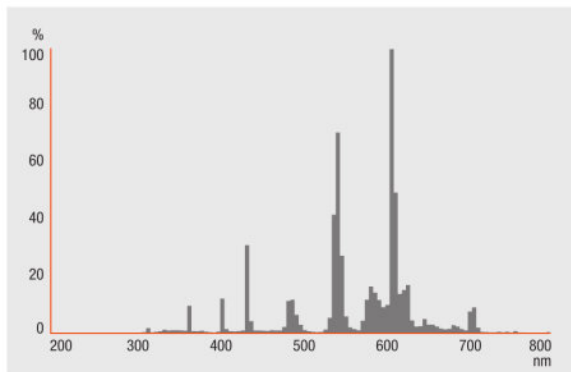
#### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	34 kWh/1000h
<b>Energy efficiency class</b>	A

#### Country-specific categorizations

<b>ILCOS</b>	FSS-28/827-I-GR8
--------------	------------------

Light Distribution



Spectral power distribution

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

SAFETY ADVICE

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

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300816913	CFL SQUARE 28 W/827 GR8	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm <sup>3</sup>	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.