

## CFL SQUARE 16 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



# Product datasheet

## Technical data

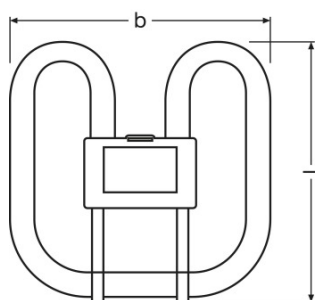
### Electrical data

Nominal wattage	16.00 W
Rated wattage	16.00 W
Energy consumption	20 kWh/1000h

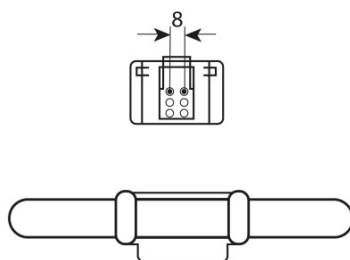
### Photometrical data

Nominal luminous flux	1050 lm
Rated luminous flux	1050 lm
Color temperature	2700 K
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Color rendering index Ra	80...89
Luminous flux at 25 °C	1050 lm
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 rendering group	1B

### Dimensions & weight



Product line drawing



Base



Base

Overall length	138.0 mm
Product weight	71.00 g
Length	138.0 mm <sup>1)</sup>
Length acc. to IEC standard	138 mm

<sup>1)</sup> Maximum

# Product datasheet

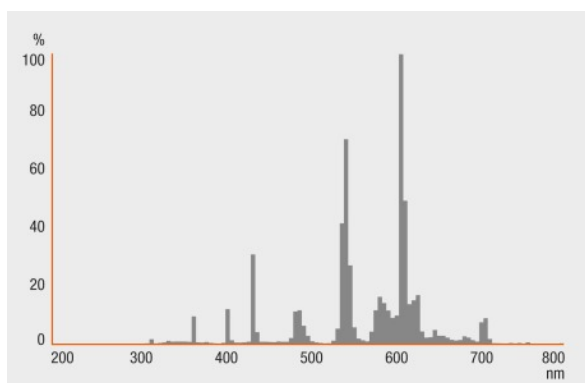
## Colors & materials

Lamp mercury content	3.5 mg
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## Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h
Service life	6000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.94
Rated lamp survival factor at 6,000 h	0.84
Rated lamp survival factor at 8,000 h	0.69
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h

## Additional product data



## Spectral power distribution

Base (standard designation)	GR8
Appropriate disposal acc. to WEEE	Yes

## Capabilities

Suitable for indoor	Yes
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## Product datasheet

### Certificates & standards

Energy efficiency class	A
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### Country specific categorizations

ILCOS	FSS-16/827-I-GR8
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### Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300816852	OSRSQ168272P	8330241	4934227	-

## Product datasheet



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Guarantee

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### Equipment / Accessories

- Suitable for operation on conventional control gear

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### Safety advice

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

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300816852	CFL SQUARE 16 W/827 GR8	Folding carton box 1	152 mm x 33 mm x 152 mm	0.76 dm <sup>3</sup>	118.00 g
4050300816869	CFL SQUARE 16 W/827 GR8	Shipping carton box 20	322 mm x 185 mm x 326 mm	19.42 dm <sup>3</sup>	2834.00 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.

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### Disclaimer

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