

## 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



# Product family datasheet

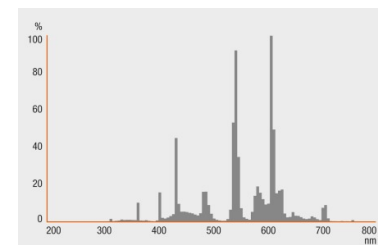
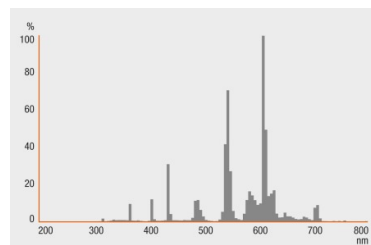
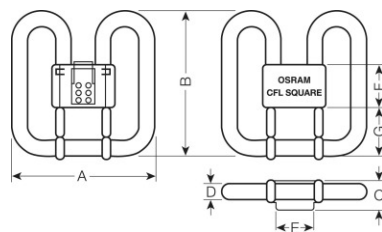
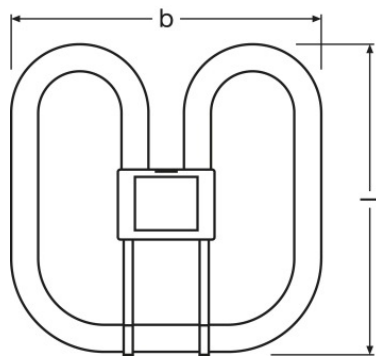
## Technical data

Product description	Electrical data			Photometrical data				Dimensions & weight	Lifespan
	Nominal wattage	Rated wattage	Rated luminous flux	Nominal luminous flux	Luminous flux at 25 °C	Color temperature	Color rendering index Ra	Overall length	Nominal lamp life time
CFL SQUARE 16 W/827 GR10Q	16.00 W	16.00 W	1050 lm	1050 lm	1050 lm	2700 K	80...89	138.0 mm	13000 h
CFL SQUARE 16 W/835 GR10Q	16.00 W	16.00 W	1050 lm	1050 lm	1050 lm	3500 K	80...89	138.0 mm	13000 h
CFL SQUARE 28 W/827 GR10Q	28.00 W	28.00 W	2050 lm	2050 lm	2050 lm	2700 K	80...89	205.0 mm	13000 h
CFL SQUARE 28 W/835 GR10Q	28.00 W	28.00 W	2050 lm	2050 lm	2050 lm	3500 K	80...89	205.0 mm	13000 h
CFL SQUARE 38 W/827 GR10Q	38.50 W	38.50 W	2735 lm	2735 lm	2700 lm	2700 K	80...89	205.0 mm	13000 h
CFL SQUARE 38 W/835 GR10Q	38.50 W	38.50 W	2735 lm	2735 lm	2700 lm	3500 K	80...89	205.0 mm	13000 h

Product description	Rated lamp life time	Service life	Additional product data		Certificates & standards		Country specific categorizations
			Base (standard designation)	Lamp mercury content	Energy efficiency class	Energy consumption	ILCOS
CFL SQUARE 16 W/827 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	18 kWh/1000h	FSS-16/827-E-GR10q
CFL SQUARE 16 W/835 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	18 kWh/1000h	FSS-16/835-E-GR10q
CFL SQUARE 28 W/827 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	31 kWh/1000h	FSS-28/827-E-GR10q
CFL SQUARE 28 W/835 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	31 kWh/1000h	FSS-28/835-E-GR10q
CFL SQUARE 38 W/827 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	43 kWh/1000h	FSS-38/827-E-GR10q
CFL SQUARE 38 W/835 GR10Q	13000 h	7500 h <sup>1)</sup>	GR10q	2.5 mg	A	43 kWh/1000h	FSS-38/835-E-GR10q

<sup>1)</sup> With preheat ECG

## Product family datasheet



CFL SQUARE 16 W/827 GR10Q, CFL  
SQUARE 28 W/827 GR10Q, CFL  
SQUARE 28 W/835 GR10Q, CFL  
SQUARE 38 W/827 GR10Q, CFL  
SQUARE 38 W/835 GR10Q

CFL SQUARE 16 W/835 GR10Q

CFL SQUARE 16 W/827 GR10Q, CFL  
SQUARE 28 W/827 GR10Q, CFL  
SQUARE 38 W/827 GR10Q

CFL SQUARE 16 W/835 GR10Q, CFL  
SQUARE 28 W/835 GR10Q, CFL  
SQUARE 38 W/835 GR10Q

### Equipment / Accessories

- Suitable for operation on electronic and conventional control gear

### Safety advice

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

### Application advice

## Product family datasheet

For more detailed application information and graphics please see product datasheet.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300816890	CFL SQUARE 16 W/827 GR10Q	Shipping carton box 20	326 mm x 185 mm x 322 mm	19.42 dm <sup>3</sup>	2834.00 g
4050300816876	CFL SQUARE 16 W/835 GR10Q	Shipping carton box 20	326 mm x 185 mm x 322 mm	19.42 dm <sup>3</sup>	2834.00 g
4050300816951	CFL SQUARE 28 W/827 GR10Q	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm <sup>3</sup>	5772.00 g
4050300816982	CFL SQUARE 28 W/835 GR10Q	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm <sup>3</sup>	5772.00 g
4050300817002	CFL SQUARE 38 W/827 GR10Q	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm <sup>3</sup>	5772.00 g
4050300817026	CFL SQUARE 38 W/835 GR10Q	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm <sup>3</sup>	5548.00 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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### References / Links

For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

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