PRODUCT DATASHEET
CFL SQUARE 16 W/835 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

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TECHNICAL DATA

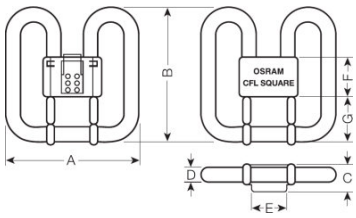
Electrical data

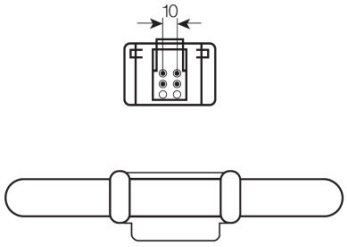
Nominal voltage	220 V
Rated wattage	16.00 W
Nominal wattage	16.00 W
Nominal current	0.195 A

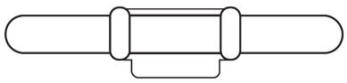
Photometrical data

Nominal luminous flux	1050 lm
Luminous flux at 25 °C	1050 lm
Rated luminous flux	1050 lm
Rated color temperature	3500 K
Color rendering index Ra	≥80
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
Light color (designation)	LUMILUX White
Color temperature	3500 K
Luminous flux	1050 lm
Color rendering index Ra	≥80

Dimensions & weight







Overall length	138.0 mm
Length	138.0 mm [1)]
Length acc. to IEC standard	138 mm
Outer bulb	T12
Maximum diameter	13.0 mm

[1)] Maximum

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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 consumption	18 kWh/1000h
Energy efficiency class	A

Country-specific categorizations

ILCOS	FSS-16/835-E-GR10q

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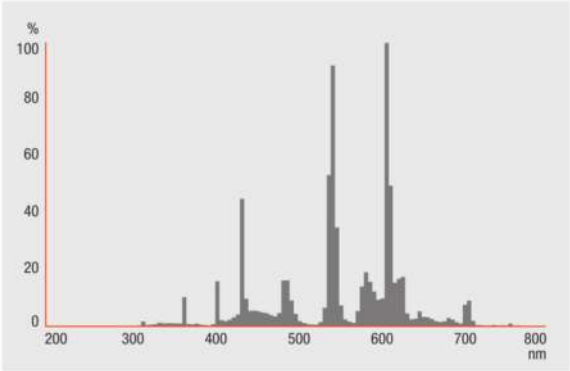
Light Distribution



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	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300816876	Folding carton box 1	152 mm x 29 mm x 152 mm	118.00 g	0.67 dm^3
4050300816883	Shipping carton box 20	326 mm x 185 mm x 322 mm	2834.00 g	19.42 dm^3

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.

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