

PRODUCT DATASHEET

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 $R_a: \geq 80$



TECHNICAL DATA

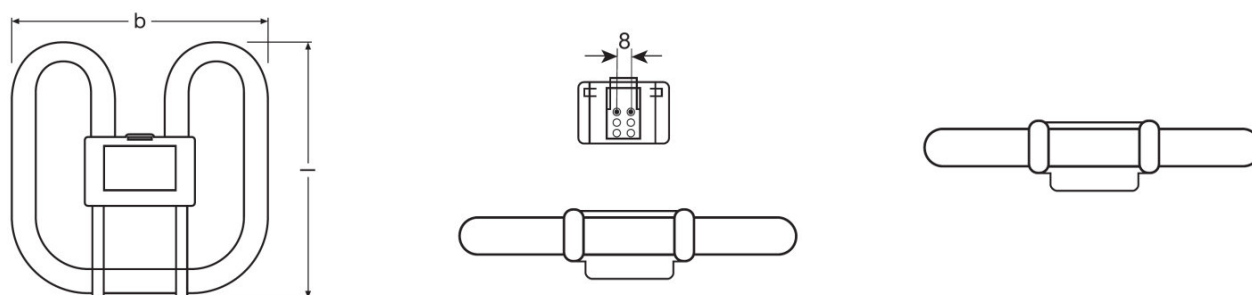
Electrical data

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	2700 K
Color rendering index Ra	≥80
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 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

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	0.68
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h

Additional product data

Base (standard designation)	GR8
Mercury content	2.5 mg

Capabilities

Suitable for indoor	Yes
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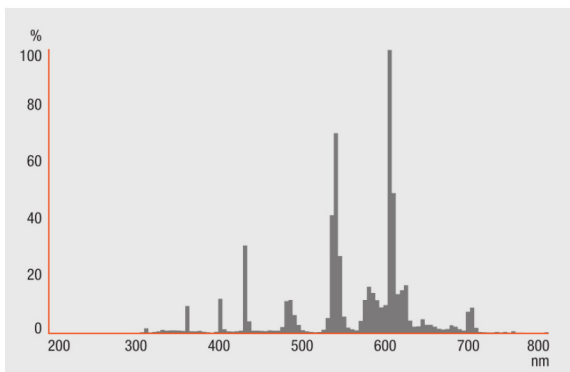
Certificates & standards

Energy consumption	20 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

ILCOS	FSS-16/827-I-GR8
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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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300816852	Folding carton box 1	152 mm x 29 mm x 152 mm	118.00 g	0.67 dm ³
4050300816869	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.