

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 $R_a: \geq 80$



TECHNICAL DATA

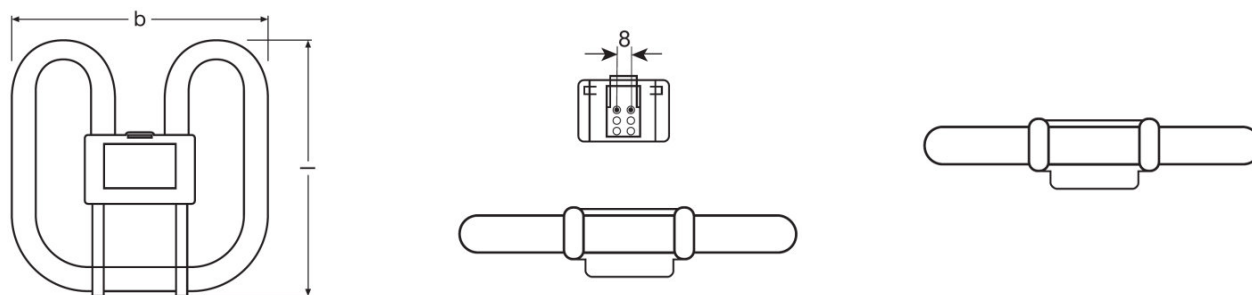
Electrical data

Nominal voltage	220 V
Rated wattage	28.00 W
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Nominal current	0.32 A

Photometrical data

Nominal luminous flux	2050 lm
Luminous flux at 25 °C	2050 lm
Rated luminous flux	2050 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	2050 lm
Color rendering index Ra	≥80

Dimensions & weight



Overall length	205.0 mm
Length	205.0 mm ¹⁾
Length acc. to IEC standard	205 mm
Outer bulb	T12
Maximum diameter	17.0 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	34 kWh/1000h
Energy efficiency class	A

Country-specific categorizations

ILCOS	FSS-28/827-I-GR8
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