

CFL SQUARE 28 W/827 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...89



Technical data

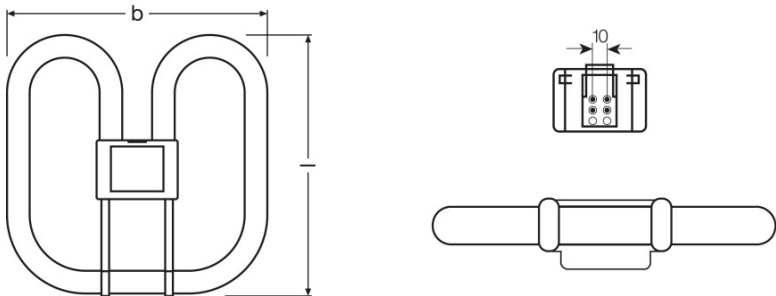
Electrical data

Nominal wattage	28.00 W
Rated wattage	28.00 W
Rated luminous flux	2050 lm

Photometrical data

Nominal luminous flux	2050 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at 25 °C	2050 lm
Color temperature	2700 K
Color rendering index Ra	80...89
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

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	13000 h
Rated lamp life time	13000 h

Product datasheet

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
Lamp mercury content	2.5 mg

Capabilities

Suitable for indoor	Yes
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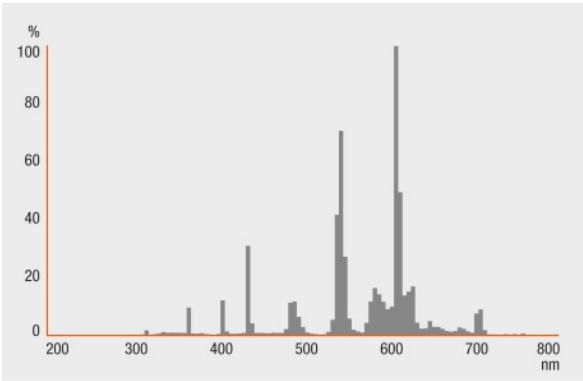
Certificates & standards

Energy efficiency class	A
Energy consumption	31 kWh/1000h

Country specific categorizations

ILCOS	FSS-28/827-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.osram.com/brokenlamp

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300816951	CFL SQUARE 28 W/827 GR10Q	Shipping carton box 20	457 mm x 251 mm x 389 mm	44.62 dm ³	5772.00 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.

References / Links

For more information on QUICKTRONIC electronic control gear go to
▶ www.osram.com/QUICKTRONIC

Disclaimer

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