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
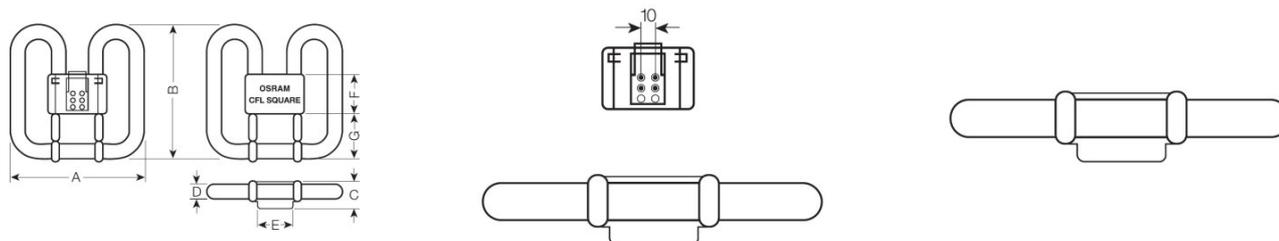– Color rendering index R_a: $\geq$ 80

TECHNICAL DATA

Electrical data

Nominal voltage	220 V
Rated wattage	16.00 W
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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

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