OSRAM

CFL SQUARE 16 W/835 GR8

OSRAM CFL SQUARE 2 pins | Square CFLni with 2-pin base for CCG operation

• 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
• Average life: 10,000 h
• Color rendering index R_a: 80...89

Technical data

Electrical data

Nominal wattage	16 W
Rated lamp efficacy (standard condition)	66 lm/W
Rated wattage	16 W

Light technical data

Color rendering index Ra	80...89
Rated luminous flux	1050 lm
Luminous flux at 25 °C	1050 lm
Light color	835
Color temperature	3500 K
Nominal luminous flux	1050 lm
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75

## Dimensions & weight

Length	138.0 mm [1]
Length acc. to IEC standard	138 mm

[1] Maximum
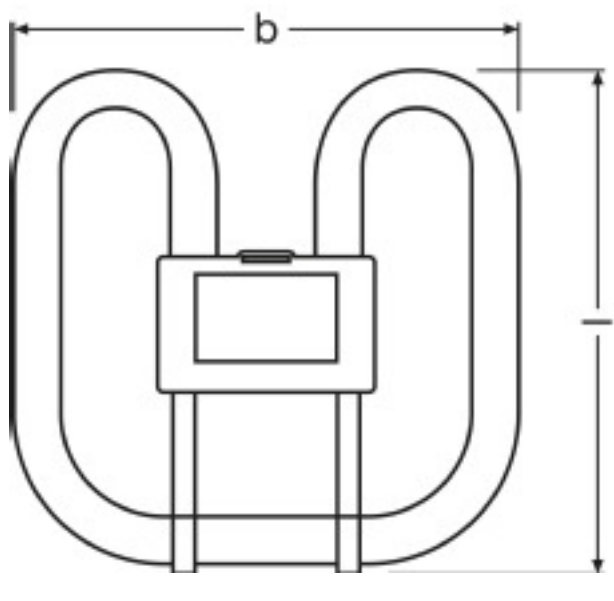
Product line drawing with letters
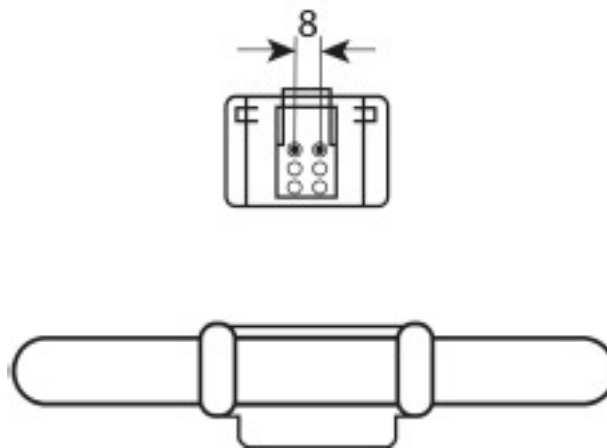
Base

Base

Colors & materials

Lamp mercury content	5.0 mg

Lifespan

Service life	5000 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	0.69
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h

Additional product data

Base (standard designation)	GR8
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes

Certificates & standards

EEI – Energy Label	B

Equipment / Accessories

- Suitable for operation on conventional control gear

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp

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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300816838	Folding carton box 1	152 mm x 34 mm x 152 mm	118.00 g	0.79 dm³
4050300816845	Shipping carton box 20	322 mm x 185 mm x 326 mm	2834.00 g	19.42 dm³

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Disclaimer

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

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