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
- Extremely low profile

Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in GR10q base
- Good color rendering index





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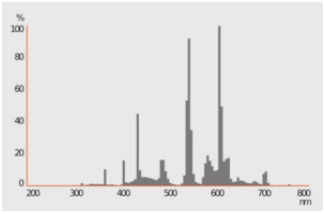
TECHNICAL DATA

Electrical data

Nominal wattage	16 W
Construction wattage	16.70 W
Nominal voltage	103 V
Nominal current	0.2 A

Photometrical data

Luminous flux	1050 lm
Luminous efficacy	63 lm/W
Light color (designation)	LUMILUX White
Color temperature	3500 K
Color rendering index Ra	≥80
Light color	835
Rated LLMF at 2,000 h	0.90
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	136.00 mm
Diameter	13.00 mm
Product weight	64.4 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C





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Lifespan

Lifespan	10000 h
Service life	7500 h [1)]
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.99
Rated lamp survival factor at 6,000	0.95
Rated lamp survival factor at 8,000 h	0.88
Rated lamp survival factor at 12,000 h	0.59
Lifespan B50	10000 h

1) With preheat ECG

Additional product data

Base (standard designation)	GR10q
Mercury content	3.0 mg
Design / version	OSRAM CFL SQUARE® 4-Pin

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	17.00 kWh/1000h

Country-specific categorizations

ILCOS	FSS-16/835-E-GR10q
Order reference	CFL SQUARE 16W/

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	CFLNI
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GR10q
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No

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Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	136.00 mm [1)]
Height	27,5 mm
Width	141 mm
Chromaticity coordinate x	0,409
Chromaticity coordinate y	0,394
Beam angle correspondence	SPHERE_360
EPREL ID	546535
Model number	AC34309

1) Maximum

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic and conventional control gear

Safety advice

- In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Certificates
PDF	Certificates
PDF	Declarations of conformity

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300816876	Folding box 1	152 mm x 29 mm x 152 mm	118.00 g	0.67 dm^3
4050300816883	Shipping box 20	326 mm x 185 mm x 322 mm	2834.00 g	19.42 dm^3





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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.





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