PRODUCT DATASHEET
CFL SQUARE 28 W/835 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

Product features

- Single-ended two-pin plug-in GR8 base
- Short and compact pin-base lamp with double-turn tubes
- Good color rendering index





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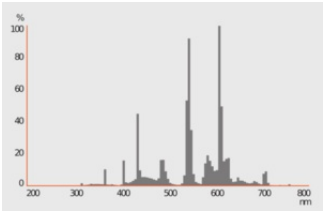
TECHNICAL DATA

Electrical data

Nominal wattage	28 W
Construction wattage	29.10 W
Nominal voltage	108 V
Nominal current	0.32 A

Photometrical data

Luminous flux	1900 lm
Luminous efficacy	65 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	0.85
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

Overall length	204.00 mm
Diameter	18.20 mm
Product weight	128.00 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

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Nominal 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	0.94
Rated lamp survival factor at 6,000	0.84
Rated lamp survival factor at 8,000 h	0.68
Lifespan B50	10000 h

Additional product data

Base (standard designation)	GR8
Mercury content	3.0 mg
Design / version	OSRAM CFL SQUARE® 2-Pin for CCG

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	G
Energy consumption	30.00 kWh/1000h

Country-specific categorizations

ILCOS	FSS-28/835-I-GR8
Order reference	CFL SQUARE 28W/

Energy labellling 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)	GR8
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	204.00 mm [1)]

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Height	33,0 mm
Width	207 mm
Chromaticity coordinate x	0,409
Chromaticity coordinate y	0,394
Beam angle	SPHERE_360
EPREL ID	546537,546537
Model number	AC34311,AC34311

1) Maximum

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Certificates EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
PDF	Certificates EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
PDF	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4073688-EN-01 - CFL SQUARE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300816937	Folding box 1	220 mm x 35 mm x 220 mm	251.00 g	1.69 dm^3
4050300816944	Shipping box 20	457 mm x 251 mm x 389 mm	5772.00 g	44.62 dm^3

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

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