

PRODUCT DATASHEET

CFL SQUARE 16 W/827 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



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 INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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



349636_FL_827

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

Service life	6000 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	0.68
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
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Certificates & Standards

Energy efficiency class	G
Energy consumption	17.00 kWh/1000h

Country-specific categorizations

ILCOS	FSS-16/827-I-GR8
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)	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	136.00 mm ¹⁾

Height	27.5 mm
Width	141 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360
EPREL ID	546532
Model number	AC34306

1) Maximum





EQUIPMENT / ACCESSORIES

– Suitable for operation on conventional control gear

Safety advice

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

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4073688-EN-01 - CFL SQUARE
	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
Photometric and lighting design files		Document name
	Spectral power distribution	349636_FL_827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300816852	Folding box 1	29 mm x 152 mm x 152 mm	118.00 g	0.67 dm ³
4050300816869	Shipping box 20	326 mm x 322 mm x 185 mm	2834.00 g	19.42 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

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