

## PRODUCT DATASHEET

### FC 55 W/2700 K

LUMILUX® T5 FC® | Circular fluorescent lamps 16 mm, with 2GX13 base



#### Areas of application

- Public buildings
- Offices
- Restaurants
- Industry
- Shops
- Supermarkets and department stores
- Hotels

#### Product benefits

- Excellent uniform illumination with no shadows

#### Product features

- Good color rendering index
- Single-ended round fluorescent lamp
- Dimmable



TECHNICAL DATA

Electrical data

Nominal wattage	55 W
Construction wattage	55.40 W
Nominal voltage	101 V
Nominal current	0.55 A

Photometrical data

Luminous flux	4250 lm
Luminous efficacy	77 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	0.83
Rated LLMF at 6,000 h	0.80
Rated LLMF at 8,000 h	0.80
Rated LLMF at 12,000 h	0.75



349636\_FL\_827

Dimensions & Weight

Overall length	315.00 mm
Diameter	16,0 mm
Tube diameter	16 mm
Product weight	110.00 g

Lifespan

Service life	8000 h <sup>1)</sup>
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	0.98
Rated lamp survival factor at 8,000 h	0.92
Rated lamp survival factor at 12,000 h	0.50
Lifespan B50	12000 h

<sup>1)</sup> With preheat ECG

### Additional product data

Base (standard designation)	2GX13
Mercury content	3.0 mg
Product remark	Suitable for ECG operation only

### Capabilities

Dimmable	Yes
----------	-----

### Certificates & Standards

Energy efficiency class	G
Energy consumption	56.00 kWh/1000h

### Country-specific categorizations

ILCOS	FSCH-55/827-L/P-2Gx13-16/300
Order reference	FC 55W/827

### Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER_FL
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	2GX13
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	315.00 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,455
Chromaticity coordinate y	0,415
Beam angle correspondence	SPHERE_360
EPREL ID	546407
Model number	AC34182





## EQUIPMENT / ACCESSORIES

- Exclusively for operation on electronic control gears

## Safety advice

- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

## DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077917-EN-00 - T5 FC
	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL
	Certificates	EAC N RU D-DE.PA01.B.25780_21 23.07.2021-22.07.2026 - FL Special
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
4050300646275	Folding box 1	20 mm x 302 mm x 306 mm	206.00 g	1.85 dm <sup>3</sup>
4050300646282	Shipping box 12	319 mm x 300 mm x 324 mm	2787.00 g	31.01 dm <sup>3</sup>

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.