

# PRODUCT DATASHEET

## FM 8 W/740

LUMILUX® T2 FM® | Tubular fluorescent lamps 7 mm, with W4.3 x 8.5 d base



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### Areas of application

- Offices
- Museums
- Shops
- Supermarkets and department stores
- Industry (e.g. furniture industry)
- Restaurants

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### Product benefits

- Extremely economical
- Good quality of light
- Excellent luminous flux
- Extra slim and compact fluorescent lamp

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### Product features

- Good average lifetime (with OSRAM ECG)
- Tube diameter: 7.0 mm



## TECHNICAL DATA

### Electrical data

Nominal wattage	8 W
Construction wattage [PICOS]	7.80 W
Rated lamp efficacy (HF data 25 °C)	58

### Photometrical data

Luminous flux	450 lm
Luminous efficacy	56 lm/W
Luminous flux at 25 °C	450 lm
Luminous flux at 35 °C	540 lm
Light color (designation)	Cool White
EPREL - Correlated colour temperature type	SINGLE_VALUE
Color temperature	4100 K
Color rendering index Ra	70...79
Light color	741
Rated LLMF at 2,000 h	0.70
Rated LLMF at 4,000 h	0.66
Rated LLMF at 6,000 h	0.65
Rated LLMF at 8,000 h	0.65
Rated lamp efficacy (HF data 25 °C)	58

### Dimensions & weight

Overall length	319.90 mm
Length	320.00 mm
Length with base excl. base pins/connection	320,00 mm
Width (incl. round luminaires)	7.00 mm
Height (incl. round luminaires)	7.00 mm
Diameter	7.00 mm
Tube diameter	7 mm
Maximum diameter	7 mm
Product weight	9.6 g

### Temperatures & operating conditions

Rated ambient temp.w.max.luminous	35.0 °C
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**Lifespan**

Nominal lamp life time	8000 h
Service life	5600 h <sup>1)</sup>
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.98
Rated lamp survival factor at 6,000	0.86
Rated lamp survival factor at 8,000 h	0.50
Operation mode LLMF/LSF	HF

1) With preheat ECG

**Additional product data**

Base (standard designation)	W4.3x8.5d
Mercury content	2.4 mg
Product remark	Phased out from 31.12.2020
EPREL - Light source cap-type (or other electric interface)	W4.3x8.5d

**Capabilities**

Suitable for indoor	Yes
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**Certificates & standards**

Energy efficiency class	A
Energy consumption	8.58 kWh/1000h

**Country-specific categorizations**

ILCOS	FDH-8/740-/P/-W4,3x8,5d-7/320
Order reference	FM 8W/740 W4.3

**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)

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321157669	Unpacked 1	318 mm x 5 mm x 5 mm	9.60 g	0.01 dm <sup>3</sup>
4008321157676	Shipping box 20	338 mm x 40 mm x 103 mm	376.50 g	1.39 dm <sup>3</sup>
4008321157683	SHIPPING BOX FOR 5TH-LEVEL 200	243 mm x 363 mm x 240 mm	3845.00 g	21.17 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.