

PRODUCT FAMILY DATASHEET

LUMILUX® T2 FM®

Tubular fluorescent lamps 7 mm, with W4.3 x 8.5 d base



Areas of application

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

Product benefits

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

Product features

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



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage [PICOS]	Rated lamp efficacy (HF data 25 °C)
FM 8 W/740	8 W	7.80 W	58
FM 13 W/740	13 W	13.30 W	58

Photometrical data

Product description	Luminous flux	Luminous efficacy	Luminous flux at 25 °C	Luminous flux at 35 °C	Light color (designation)
FM 8 W/740	450 lm	56 lm/W	450 lm	540 lm	Cool White
FM 13 W/740	770 lm	60 lm/W	770 lm	930 lm	Cool White

Product description	EPREL - Correlated colour temperature type	Color temperature	Color rendering index Ra	Light color	Rated LLMF at 2,000 h
FM 8 W/740	SINGLE_VALUE	4100 K	70...79	741	0.70
FM 13 W/740	SINGLE_VALUE	4100 K	70...79	741	0.70

Product description	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h	Rated LLMF at 8,000 h	Rated lamp efficacy (HF data 25 °C)
FM 8 W/740	0.66	0.65	0.65	58
FM 13 W/740	0.66	0.65	0.65	58

Dimensions & weight

Product description	Overall length	Length	Length with base excl. base pins/connection	Width (incl. round luminaires)	Height (incl. round luminaires)
FM 8 W/740	319.90 mm	320.00 mm	320,00 mm	7.00 mm	7.00 mm
FM 13 W/740	523.10 mm	520.00 mm	523,00 mm	7.00 mm	7.00 mm

Product description	Diameter	Tube diameter	Maximum diameter	Product weight
FM 8 W/740	7.00 mm	7 mm	7 mm	9.6 g
FM 13 W/740	7.00 mm	7 mm	7 mm	15.5 g

Product line drawing



FM 13 W/740

Temperatures & operating conditions

Product description	Rated ambient temp.w.max.luminous
FM 8 W/740	35.0 °C
FM 13 W/740	35.0 °C

Lifespan

Product description	Nominal lamp life time	Service life	Rated lamp survival factor at 2,000 h	Rated lamp survival factor at 4,000	Rated lamp survival factor at 6,000
FM 8 W/740	8000 h	5600 h ¹⁾	0.99	0.98	0.86
FM 13 W/740	8000 h	5600 h ¹⁾	0.99	0.98	0.86

Product description	Rated lamp survival factor at 8,000 h	Operation mode LLMF/LSF
FM 8 W/740	0.50	HF
FM 13 W/740	0.50	HF

1) With preheat ECG

Additional product data

Product description	Base (standard designation)	Mercury content	Product remark	EPREL - Light source cap-type (or other electric interface)
FM 8 W/740	W4.3x8.5d	2.4 mg	Phased out from 31.12.2020	W4.3x8.5d
FM 13 W/740	W4.3x8.5d	2.4 mg	Phased out from 31.12.2020	W4.3x8.5d

Capabilities

Product description	Suitable for indoor
FM 8 W/740	Yes
FM 13 W/740	Yes

Certificates & standards



Product description	Energy efficiency class	Energy consumption
FM 8 W/740	A	8.58 kWh/1000h
FM 13 W/740	A	14.63 kWh/1000h

EQUIPMENT / ACCESSORIES

- Exclusively for operation on electronic control gears

Safety advice

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

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.






SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
FM 8 W/740	4008321157669	OSRFM8740	8329614	4930814	-
FM 13 W/740	4008321157867	OSRFM13740	8329634	4932154	-

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	Advertisements 333529_LUMILUX T2The OSRAM FM miniature lighting system
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	Advertisements 333577_QUICKTRONIC FM QT-FM
	Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht

DOWNLOAD DATA



Advertisements
333529_LUMILUX T2The OSRAM FM miniature lighting system

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 ³
4008321157867	Unpacked 1	282 mm x 8 mm x 14 mm	15.50 g	0.03 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.