

PRODUCT DATASHEET

Emergency Lighting 8 W/840

LUMILUX® T5 Short EL | Tubular fluorescent lamps 16 mm, short, for emergency lighting, with G5 base



Areas of application

- Public buildings
- Industry
- Shops
- Supermarkets and department stores

Product benefits

- Optimized for emergency power operation

Product features

- Suitable for emergency power operation
- Good color rendering index



TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	7.50 W
Nominal voltage	56 V
Nominal current	0.15 A

Photometrical data

Luminous flux	450 lm
Luminous efficacy	60 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.80
Rated LLMF at 4,000 h	0.74
Rated LLMF at 6,000 h	0.71
Rated LLMF at 8,000 h	0.69



349615_FL_840

Dimensions & Weight

Overall length	302.50 mm
Length with base excl. base pins/connection	288,00 mm
Diameter	16.00 mm
Tube diameter	16 mm
Product weight	25.71 g

Lifespan

Service life	4500 h
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	0.95
Rated lamp survival factor at 8,000 h	0.81
Lifespan B50	10000 h

Additional product data

Base (standard designation)	G5
Mercury content	2.9 mg
Design / version	Emergency Lighting (Basic) T5 short tubular, G5 base
Product remark	T5 SHORT for emergency lighting

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy consumption	6.00 kWh/1000h
Standards	CE / UKCA

Country-specific categorizations

Order reference	L 8W/840 EL
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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)	G5
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Claim of equivalent power	No
Length	302.50 mm
Height	16.00 mm
Width	16.00 mm

Chromaticity coordinate x	0.380
Chromaticity coordinate y	0.380
Beam angle correspondence	SPHERE_360

Safety advice

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

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	L 840 EL
	Declarations of conformity UKCA	L 840 EL

Photometric and lighting design files		Document name
	Spectral power distribution	349615_FL_840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854107696	Sleeve 1	19 mm x 19 mm x 304 mm	33.00 g	0.11 dm ³
4099854107702	Shipping box 25	316 mm x 103 mm x 109 mm	889.00 g	3.55 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.