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

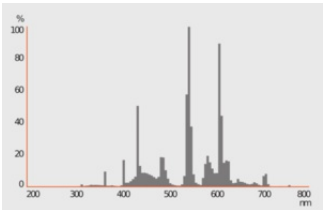– Suitable for emergency power operation
– Good color rendering index

TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	7.50 W
Nominal voltage	56 V
Nominal current	150 mA

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
Product remark	T5 SHORT for emergency lighting

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	8.00 kWh/1000h

Country-specific categorizations

ILCOS	FD-8/840-E-G5-16/288
Order reference	L 8W/840 EL

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
Correlated colour temperature type	SINGLE_VALUE
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
EPREL ID	546313
Model number	AC34080

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077894-EN-00 - T5 SHORT
PDF	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL
PDF	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL

	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
4008321325846	Sleeve 1	19 mm x 19 mm x 304 mm	36.00 g	0.11 dm³
4008321325853	Shipping box 25	316 mm x 103 mm x 109 mm	976.00 g	3.55 dm³

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.