PRODUCT DATASHEET
L 36 W/827-1

LUMILUX® T8 1 m | Tubular fluorescent lamps 26 mm, 1 m, for public transport, with G13 base



Areas of application

– Public transport

Product features

– Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
– Available with color temperature: 2,700 K, 3,000 K, 4,000 K





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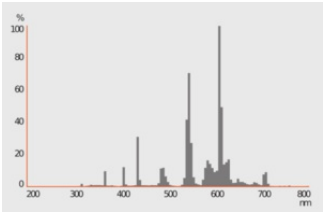
TECHNICAL DATA

Electrical data

Nominal wattage	36 W
Construction wattage	38.90 W
Nominal voltage	81 V
Nominal current	0.56 A

Photometrical data

Luminous flux	3100 lm
Luminous efficacy	80 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	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89



Dimensions & Weight

Overall length	984.20 mm
Length with base excl. base pins/connection	970,00 mm
Diameter	25.50 mm
Tube diameter	26 mm

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Product weight	130.00 g

Lifespan

Service life	18000 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	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.90
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

Additional product data

Base (standard designation)	G13
Mercury content	3.0 mg

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	39.00 kWh/1000h

Country-specific categorizations

ILCOS	FD-36/827-E-G13-26/970
Order reference	L 36W/827-1

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)	G13
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No

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Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	984.20 mm
Height	25.50 mm
Width	25.50 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360
EPREL ID	546369
Model number	AC34116

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300518114	Sleeve 1	980 mm x 28 mm x 27 mm	149.00 g	0.74 dm^3
4050300518121	Shipping box 25	1,004 mm x 150 mm x 155 mm	4001.00 g	23.34 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.

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