
Product datasheet

L 36 W/827-1

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

- Public transport



Product datasheet

Technical data

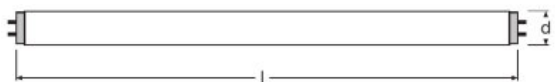
Electrical data

Nominal voltage	81 V
Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	36.00 W

Photometrical data

Rated lamp efficacy (standard condition)	86 lm/W
Color rendering index Ra	≥80
Rated luminous flux	3100 lm
Luminous flux at	3100 lm
Light color	827
Rated color temperature	2700 K
Nominal luminous flux	3100 lm
Light color (designation)	LUMILUX INTERNA
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
Color temperature	2700 K
Luminous flux	3100 lm

Dimensions & weight



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Tube diameter	26 mm
Length	970.0 mm
Length with base excl. base pins/connection	970.00 mm
Diameter	26.0 mm
Product weight	133.00 g
Outer bulb	T26
Maximum diameter	26.0 mm

Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	25.0 °C
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Lifespan

Service life	18000 h
Lifespan	20000 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 h	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Rated lamp life time	20000 h

Additional product data

Base (standard designation)	G13
Mercury content	2.5 mg
Product remark	Lamp not intended for general lighting; suitable for applications such as illumination of public transport
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

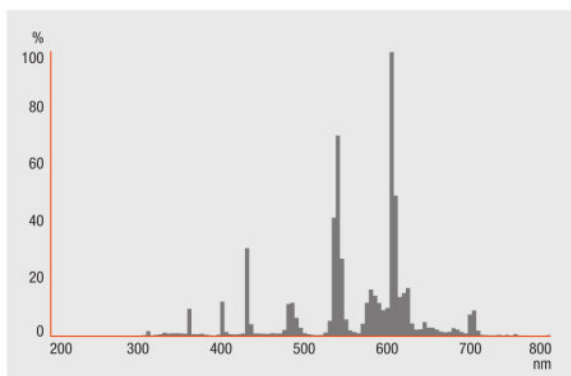
Energy efficiency class	A
Energy consumption	43 kWh/1000h

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Country specific categorizations

Order reference	L 36W/827-1
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Light Distribution



FL_827

DUO CIRCUIT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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4050300518114	L 36 W/827-1	Shipping carton box	727 mm x 441 mm x	46.49 dm ³	4419.00 g
		25 Pieces Sleeves	145 mm		

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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L 36 W/827-1

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C
L 36 W/827-1	QT-FIT 5/8 1x18-39	4008321873927	0.16 A	37.00 W	0.98	3200 lm
	QT-FIT 5/8 2x18-39	4008321873903	0.31 A	70.00 W	0.98	3200 lm
	QT-FIT8 1x36	4008321294203	0.16 A	36.00 W	0.96	3200 lm
	QT-FIT8 2x36	4008321294265	0.32 A	71.00 W	0.98	3200 lm
	QT-FIT8 3x36	4008321512055	0.48 A	105.00 W	0.99	3500 lm
	QTi 1x14/24/21/39 GII	4008321383334	0.09 A	35.00 W	0.96	3350 lm
	QTi 2x14/24/21/39 GII	4008321383396	0.31 A	70.00 W	0.98	3200 lm
	QTi DALI 1x36 DIM	4050300870427	0.16 A	36.00 W	0.98	3350 lm
	QTi DALI 2x36 DIM	4050300870885	0.30 A	69.00 W	0.98	3350 lm
	QT-M 2x26-42/220-240 S	4008321110022	0.30 A	70.00 W	0.97	3200 lm
	QTP-DL 2x36-40	4008321117922	0.35 A	80.50 W	0.99	3400 lm
	QTP-M 1x26-42	4008321329134	0.16 A	35.00 W	0.97	3350 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.16 A	36.00 W	0.98	3200 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.30 A	71.00 W	0.98	3200 lm
	QTz8 1x36	4008321863287	0.16 A	36.00 W	0.96	3200 lm
	QTz8 2x36	4008321863324	0.32 A	71.00 W	0.98	3200 lm
	QTi DALI 1x36 DIM	4050300870427	0.16 A	36.00 W	0.98	3350 lm

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C
	QTi DALI 2x36 DIM	4050300870885	0.31 A	69.00 W	0.98	3350 lm
	QTP-DL 2x36-40	4008321117922	0.28 A	60.00 W	0.99	2900 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.15 A	36.00 W	0.98	3100 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.30 A	71.00 W	0.98	3100 lm

Product name	Product name ECG	EAN	Number of lighting outlets
L 36 W/827-1	QT-FIT 5/8 1x18-39	4008321873927	1
	QT-FIT 5/8 2x18-39	4008321873903	2
	QT-FIT8 1x36	4008321294203	1
	QT-FIT8 2x36	4008321294265	2
	QT-FIT8 3x36	4008321512055	3
	QTi 1x14/24/21/39 GII	4008321383334	1
	QTi 2x14/24/21/39 GII	4008321383396	2
	QTi DALI 1x36 DIM	4050300870427	1
	QTi DALI 2x36 DIM	4050300870885	2
	QT-M 2x26-42/220-240 S	4008321110022	2
	QTP-DL 2x36-40	4008321117922	2
	QTP-M 1x26-42	4008321329134	1
	QTP-OPTIMAL 1x18-40	4008321873743	1
	QTP-OPTIMAL 2x18-40	4008321873767	2
	QTz8 1x36	4008321863287	1
	QTz8 2x36	4008321863324	2

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Product name	Product name ECG	EAN	Number of lighting outlets
	QTi DALI 1x36 DIM	4050300870427	1
	QTi DALI 2x36 DIM	4050300870885	2
	QTP-DL 2x36-40	4008321117922	2
	QTP-OPTIMAL 1x18-40	4008321873743	1
	QTP-OPTIMAL 2x18-40	4008321873767	2