

L 36 W/840-1

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
- Good color rendering group: 1B (R_a : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX
- Available with color temperature: 2,700 K, 3,000 K, 4,000 K



Technical data

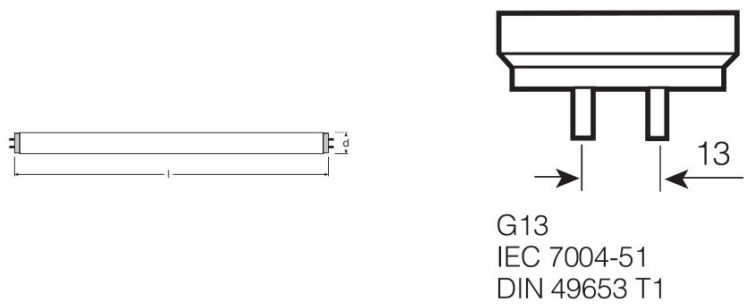
Electrical data

Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	86 lm/W
Rated wattage	36.00 W

Photometrical data

Color rendering index Ra	≥80
Rated luminous flux	3100 lm
Luminous flux at 25 °C	3100 lm
Light color	840
Color temperature	4000 K
Nominal luminous flux	3100 lm
Light color (designation)	LUMILUX Cool White
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



Tube diameter	26 mm
Length	970.0 mm
Length with base excl. base pins/connection	970.00 mm

Product datasheet

Diameter	26.0 mm
Maximum diameter	26.0 mm

Temperatures & operating conditions

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

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
Nominal lamp life time	20000 h

Additional product data

Base (standard designation)	G13
Mercury content	2.3 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	Lamp not intended for general lighting; suitable for applications such as illumination of public transport

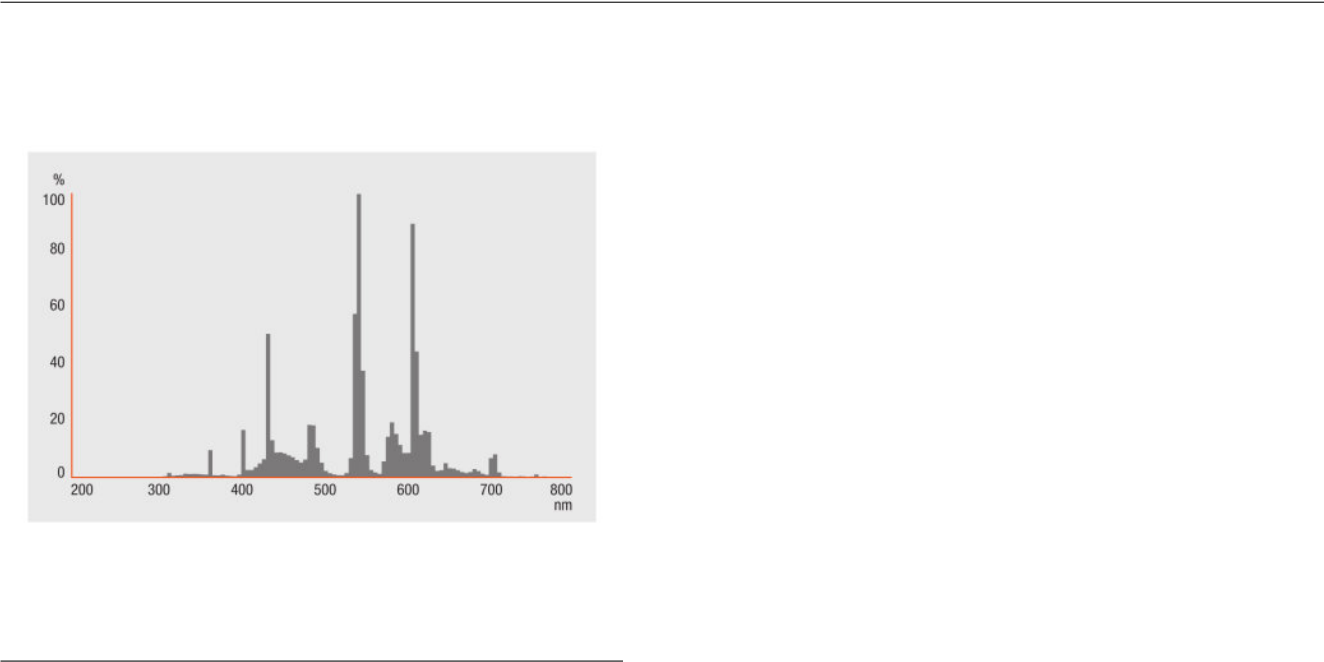
Capabilities

Dimmable	Yes
Suitable for indoor	Yes

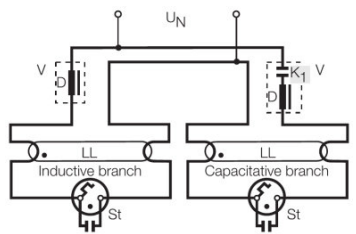
Certificates & standards

Energy efficiency class	A
Energy consumption	43 kWh/1000h

Light Distribution



Spectral power distribution



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300518091	L 36 W/840-1	Shipping carton box 25	842 mm x 324 mm x 145 mm	39.56 dm ³	4312.20 g

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.

Product datasheet

Legal advice

These lamps are not intended for general illumination. They are suitable for applications such as illumination of public transport.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
L 36 W/840-1	QT 1x36 DIM	4008321645623	0.16 A	36.00 W	3350 lm	1
	QT 2x36 DIM	4008321645838	0.32 A	72.40 W	3350 lm	2
	QT-FIT 5/8 1x18-39	4008321873927	0.16 A	37.00 W	3200 lm	1
	QT-FIT 5/8 2x18-39	4008321873903	0.31 A	70.00 W	3200 lm	2
	QT-FIT8 1x36	4008321294203	0.16 A	36.00 W	3200 lm	1
	QT-FIT8 2x36	4008321294265	0.32 A	71.00 W	3200 lm	2
	QTi 1x14/24/21/39 GII	4008321383334	0.09 A	35.00 W	3350 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	0.31 A	70.00 W	3200 lm	2
	QTi DALI 1x36 DIM	4050300870427	0.16 A	36.00 W	2700 lm	1
	QTi DALI 2x36 DIM	4050300870885	0.30 A	69.00 W	2700 lm	2
	QT-M 2x26-42/220-240 S	4008321110022	0.30 A	70.00 W	3200 lm	2
	QTP-DL 1x36-40	4008321117908	0.17 A	38.00 W	3400 lm	1
	QTP-DL 2x36-40	4008321117922	0.35 A	80.50 W	3400 lm	2
	QTP-M 1x26-42	4008321329134	0.16 A	35.00 W	3350 lm	1
	QTP-OPTIMAL 1x18-40	4008321873743	0.16 A	36.00 W	3200 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.30 A	71.00 W	3200 lm	2
	QTz8 1x36	4008321863287	0.16 A	36.00 W	3200 lm	1

Product datasheet

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
	QTz8 2x36	4008321863324	0.32 A	71.00 W	3200 lm	2
	QTi DALI 1x36 DIM	4050300870427	0.16 A	36.00 W	2700 lm	1
	QTi DALI 2x36 DIM	4050300870885	0.31 A	69.00 W	2700 lm	2
	QTP-DL 1x36-40	4008321117908	0.15 A	31.00 W	2875 lm	1
	QTP-DL 2x36-40	4008321117922	0.28 A	60.00 W	2900 lm	2
	QTP-OPTIMAL 1x18-40	4008321873743	0.15 A	36.00 W	3100 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.30 A	71.00 W	3100 lm	2