

L 36 W/865

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases



Areas of application

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

Product benefits

- Proven lamp technology
- Good economy thanks to high efficiency
- Available in many different light colors (2,700...8,000 K) for various applications

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



Product datasheet

Technical data

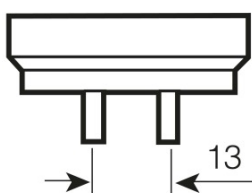
Electrical data

Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	90 lm/W
Rated wattage	36.00 W

Photometrical data

Color rendering index Ra	≥80
Rated luminous flux	3250 lm
Luminous flux at 25 °C	3250 lm
Light color	865
Color temperature	6500 K
Nominal luminous flux	3250 lm
Light color as per EN 12464-1	LUMILUX Cool Daylight
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.89
Color coordinates chromaticity diagram	0.313/0.337

Dimensions & weight



G13
IEC 7004-51
DIN 49653 T1

Tube diameter	26 mm
Length	1200.0 mm
Length with base excl. base pins/connection	1200.00 mm
Diameter	26.0 mm

Product datasheet

Temperatures

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

Service life	18000 h ¹⁾
Lifespan	20000 h ¹⁾
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	0.90
Operation mode LLMF/LSF	50 Hz
Rated lamp life time	20000 h
Nominal lamp life time	20000 h

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	G13
Lamp mercury content	2.5 mg
Appropriate disposal acc. to WEEE	Yes

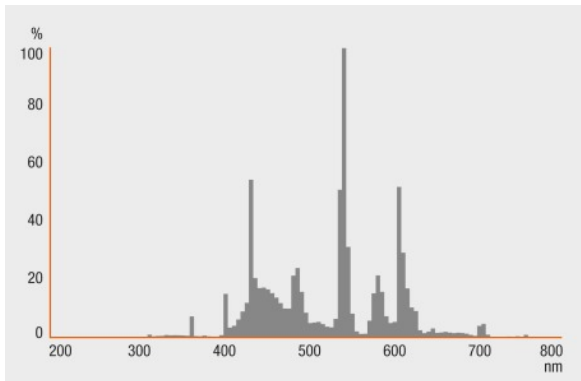
Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A
Energy consumption	43 kWh/1000h

Light Distribution



Spectral power distribution

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs



Guarantee

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp

Product datasheet



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300517858	L 36 W/865	Shipping carton box 25	1242 mm x 142 mm x 171 mm	30.16 dm ³	4892.13 g
4052899209039	L 36 W/865	Shipping carton box 10	1287 mm x 177 mm x 60 mm	13.67 dm ³	2690.00 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.

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

For more information on QUICKTRONIC electronic control gear go to

▶ www.osram.com/QUICKTRONIC

Disclaimer

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

L 36 W/865

LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
L 36W/865	HF 1x36/230-240 DIM	4050300297705	0.17 A	36.00 W	3350 lm	1
	HF 2x36/230-240 DIM	4050300350974	0.31 A	71.00 W	3200 lm	2
	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	32.00 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
	QT-FIT8 3x36	4008321512055	0.48 A	105.00 W	3500 lm	3
	QTi 1x14/24/21/39 GII	4008321383334	0.09 A	35.00 W	3350 lm	1
	QTi 1x36 DIM	4050300870625	0.16 A	36.00 W	3350 lm	1
	QTi 2x14/24/21/39 GII	4008321383396	0.31 A	70.00 W	3200 lm	2
	QTi 2x36 DIM	4050300870755	0.31 A	69.00 W	3350 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
	QTP5 1x24-39	4008321329110	0.16 A	36.00 W	3200 lm	1
	QTP5 2x24-39	4008321329417	0.31 A	70.00 W	3200 lm	2

Product datasheet

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
	QTP8 1x36	4008321131621	0.16 A	35.00 W	3200 lm	1
	QTP8 2x36	4008321131645	0.31 A	72.00 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	0.28 A	71.00 W	3200 lm	2
	QTz8 1x36	4008321863287	0.16 A	36.00 W	3200 lm	1
	QTz8 2x36	4008321863324	0.32 A	71.00 W	3200 lm	2

Product name	Product name ECG	EAN	ECG_1.1 Ambient temperature for lifespan	ECG_1.2 Ambient temperature for lifespan	ECG_1.3 Ambient temperature for lifespan
L 36W/865	HF 1x36/230-240 DIM	4050300297705			
	HF 2x36/230-240 DIM	4050300350974			
	QT 1x36 DIM	4008321645623	40 °C	50 °C	60 °C
	QT 2x36 DIM	4008321645838	40 °C	50 °C	60 °C
	QT-FIT 5/8 1x18-39	4008321873927	40 °C	50 °C	60 °C
	QT-FIT 5/8 2x18-39	4008321873903	40 °C	50 °C	60 °C
	QT-FIT8 1x36	4008321294203	40 °C	50 °C	60 °C
	QT-FIT8 2x36	4008321294265	40 °C	50 °C	60 °C
	QT-FIT8 3x36	4008321512055			
	QTi 1x14/24/21/39 GII	4008321383334			
	QTi 1x36 DIM	4050300870625			

Product datasheet

Product name	Product name ECG	EAN	ECG_1.1 Ambient temperature for lifespan	ECG_1.2 Ambient temperature for lifespan	ECG_1.3 Ambient temperature for lifespan
	QTi 2x14/24/21/39 GII	4008321383396			
	QTi 2x36 DIM	4050300870755			
	QTi DALI 1x36 DIM	4050300870427	40 °C	50 °C	60 °C
	QTi DALI 2x36 DIM	4050300870885	40 °C	50 °C	60 °C
	QT-M 2x26-42/220-240 S	4008321110022			
	QTP5 1x24-39	4008321329110			
	QTP5 2x24-39	4008321329417			
	QTP8 1x36	4008321131621			
	QTP8 2x36	4008321131645			
	QTP-DL 1x36-40	4008321117908			
	QTP-DL 2x36-40	4008321117922			
	QTP-M 1x26-42	4008321329134			
	QTP-OPTIMAL 1x18-40	4008321873743			
	QTP-OPTIMAL 2x18-40	4008321873767	40 °C	50 °C	60 °C
	QTz8 1x36	4008321863287			
	QTz8 2x36	4008321863324	50 °C	50 °C	60 °C

Product name	Product name ECG	EAN	ECG_2.1 Tc point temperature for lifespa	ECG_2.2 Tc point temperature for lifespa	ECG_2.3 Tc point temperature for lifespa
L 36W/865	HF 1x36/230-240 DIM	4050300297705			
	HF 2x36/230-240 DIM	4050300350974			
	QT 1x36 DIM	4008321645623	50 °C	60 °C	70 °C
	QT 2x36 DIM	4008321645838	55 °C	65 °C	75 °C

Product datasheet

Product name	Product name ECG	EAN	ECG_2.1 Tc point temperature for lifespa	ECG_2.2 Tc point temperature for lifespa	ECG_2.3 Tc point temperature for lifespa
	QT-FIT 5/8 1x18-39	4008321873927	55 °C	65 °C	75 °C
	QT-FIT 5/8 2x18-39	4008321873903	55 °C	65 °C	75 °C
	QT-FIT8 1x36	4008321294203	50 °C	60 °C	65 °C
	QT-FIT8 2x36	4008321294265	55 °C	60 °C	70 °C
	QT-FIT8 3x36	4008321512055			
	QTi 1x14/24/21/39 GII	4008321383334			
	QTi 1x36 DIM	4050300870625			
	QTi 2x14/24/21/39 GII	4008321383396			
	QTi 2x36 DIM	4050300870755			
	QTi DALI 1x36 DIM	4050300870427	50 °C	60 °C	70 °C
	QTi DALI 2x36 DIM	4050300870885	55 °C	65 °C	75 °C
	QT-M 2x26-42/220-240 S	4008321110022			
	QTP5 1x24-39	4008321329110			
	QTP5 2x24-39	4008321329417			
	QTP8 1x36	4008321131621			
	QTP8 2x36	4008321131645			
	QTP-DL 1x36-40	4008321117908			
	QTP-DL 2x36-40	4008321117922			
	QTP-M 1x26-42	4008321329134			
	QTP-OPTIMAL 1x18-40	4008321873743			
	QTP-OPTIMAL 2x18-40	4008321873767	55 °C	65 °C	70 °C
	QTz8 1x36	4008321863287			
	QTz8 2x36	4008321863324	60 °C	70 °C	75 °C

Product datasheet

Product name	Product name ECG	EAN	ECG_3.1 Temperature dependent lifespan	ECG_3.2 Temperature dependent lifespan	ECG_3.3 Temperature dependent lifespan
L 36W/865	HF 1x36/230-240 DIM	4050300297705			
	HF 2x36/230-240 DIM	4050300350974			
	QT 1x36 DIM	4008321645623	100000 h	100000 h	100000 h
	QT 2x36 DIM	4008321645838	100000 h	100000 h	90000 h
	QT-FIT 5/8 1x18-39	4008321873927	100000 h	60000 h	40000 h
	QT-FIT 5/8 2x18-39	4008321873903	100000 h	60000 h	30000 h
	QT-FIT8 1x36	4008321294203	100000 h	100000 h	70000 h
	QT-FIT8 2x36	4008321294265	100000 h	90000 h	50000 h
	QT-FIT8 3x36	4008321512055			
	QTi 1x14/24/21/39 GII	4008321383334			
	QTi 1x36 DIM	4050300870625			
	QTi 2x14/24/21/39 GII	4008321383396			
	QTi 2x36 DIM	4050300870755			
	QTi DALI 1x36 DIM	4050300870427	100000 h	100000 h	100000 h
	QTi DALI 2x36 DIM	4050300870885	100000 h	100000 h	90000 h
	QT-M 2x26-42/220-240 S	4008321110022			
	QTP5 1x24-39	4008321329110			
	QTP5 2x24-39	4008321329417			
	QTP8 1x36	4008321131621			
	QTP8 2x36	4008321131645			
	QTP-DL 1x36-40	4008321117908			
	QTP-DL 2x36-40	4008321117922			
	QTP-M 1x26-42	4008321329134			

Product datasheet

Product name	Product name ECG	EAN	ECG_3.1 Temperature dependent lifespan	ECG_3.2 Temperature dependent lifespan	ECG_3.3 Temperature dependent lifespan
	QTP-OPTIMAL 1x18-40	4008321873743			
	QTP-OPTIMAL 2x18-40	4008321873767	100000 h	100000 h	70000 h
	QTz8 1x36	4008321863287			
	QTz8 2x36	4008321863324	100000 h	80000 h	50000 h