

Product datasheet

L 15 W/840

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



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Technical data

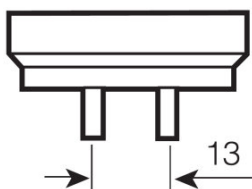
Electrical data

Nominal wattage	15.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	15.00 W
Lamp current	0.31 A

Photometrical data

Rated lamp efficacy (standard condition)	63 lm/W
Color rendering index Ra	80...89
Rated luminous flux	950 lm
Luminous flux at	950 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	950 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	0.92
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



G13
IEC 7004-51
DIN 49653 T1

Tube diameter	26 mm
Length	438.0 mm

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Length with base excl. base pins/connection	438.00 mm
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

Service life	16000 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	0.99
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

¹⁾ With preheat ECG

Additional product data

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

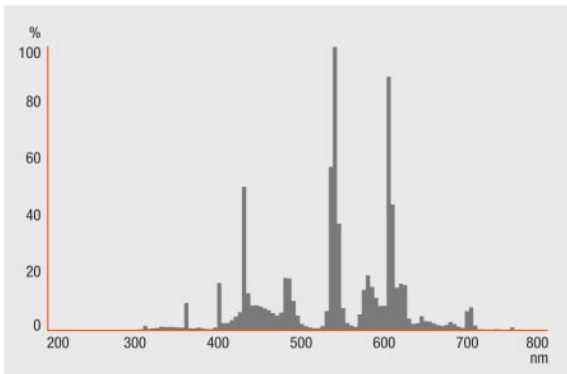
Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	B
Energy consumption	19 kWh/1000h

Light Distribution



Spectral power distribution

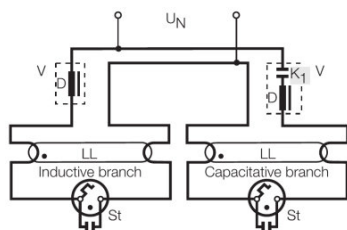
System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

Safety advice

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

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Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300446004	L 15 W/840	Shipping carton box 25 Pieces Sleeves	422 mm x 200 mm x 145 mm	12.24 dm ³	2009.00 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

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

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Systems and Components

OSRAM

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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 15 W/840	QT-ECO 1x18-24/220-240 L	4050300660417	0.13 A	17.00 W	950 lm	1
	QT-ECO 1x18-24/220-240 S	4050300638560	0.13 A	17.00 W	950 lm	1
	QTP-DL 1x18-24	4008321117861	0.08 A	17.00 W	950 lm	1
	QTP-OPTIMAL 1x18-40	4008321873743	0.08 A	17.00 W	950 lm	1
	QTP-OPTIMAL 2x18-40	4008321873767	0.15 A	31.00 W	950 lm	2

Product name	Product name ECG	EAN	EEI – Energy Label
L 15 W/840	QT-ECO 1x18-24/220-240 L	4050300660417	
	QT-ECO 1x18-24/220-240 S	4050300638560	A3
	QTP-DL 1x18-24	4008321117861	
	QTP-OPTIMAL 1x18-40	4008321873743	
	QTP-OPTIMAL 2x18-40	4008321873767	