

Product datasheet

L 15 W/827

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



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

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



Product datasheet

Technical data

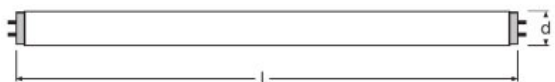
Electrical data

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
Nominal current	0.31 A

Photometrical data

Rated lamp efficacy (standard condition)	63 lm/W
Color rendering index Ra	≥80
Rated luminous flux	950 lm
Luminous flux at	950 lm
Light color	827
Rated color temperature	2700 K
Nominal luminous flux	950 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	950 lm

Dimensions & weight



Tube diameter	26 mm
Length	438.0 mm
Length with base excl. base pins/connection	438.00 mm
Diameter	26.0 mm
Product weight	65.00 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	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
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Mercury content	2.5 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

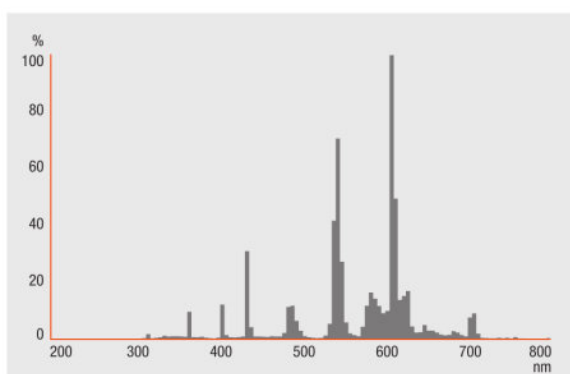
Certificates & standards

Energy efficiency class	B
Energy consumption	19 kWh/1000h

Country specific categorizations

Order reference	L 15W/827
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Light Distribution



FL_827

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

Product datasheet

DUO CIRCUIT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300446042	L 15 W/827	Shipping carton box 25 Pieces Sleeves	368 mm x 258 mm x 145 mm	13.77 dm ³	2034.00 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.

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OSRAM

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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
L 15 W/827	QT-ECO 1x18-24/220-240 S	4050300638560	0.13 A	17.00 W	0.60 c	950 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.08 A	17.00 W	0.95	950 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.15 A	31.00 W	0.95	950 lm

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
L 15 W/827	QT-ECO 1x18-24/220-240 S	4050300638560	1	A3
	QTP-OPTIMAL 1x18-40	4008321873743	1	
	QTP-OPTIMAL 2x18-40	4008321873767	2	