

Product datasheet

L 58 W/830

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



Technical data

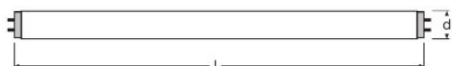
Electrical data

Nominal voltage	110 V
Nominal wattage	58.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	58.00 W
Lamp current	0.67 A
Nominal current	0.67 A

Photometrical data

Rated lamp efficacy (standard condition)	90 lm/W
Color rendering index Ra	≥80
Rated luminous flux	5200 lm
Luminous flux at	5200 lm
Light color	830
Rated color temperature	3000 K
Nominal luminous flux	5200 lm
Light color (designation)	LUMILUX Warm 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
Color temperature	3000 K
Luminous flux	5200 lm

Dimensions & weight



Tube diameter	26 mm
Length	1500 mm
Length with base excl. base pins/connection	1500.00 mm
Diameter	26.0 mm
Product weight	184.00 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 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	0.99
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
Successor EAN	4050300517971
Predecessor EAN	4050300470382

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

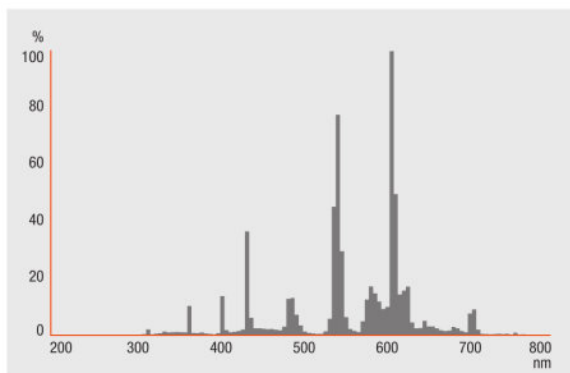
Certificates & standards

Energy efficiency class	G
Energy consumption	68 kWh/1000h

Country specific categorizations

Order reference	L 58W/830
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Light Distribution

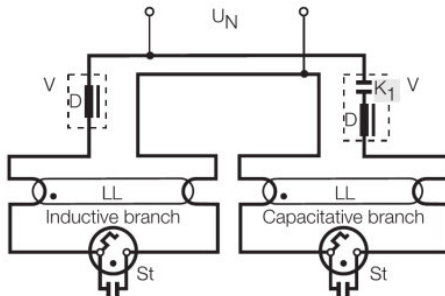


FL_830

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System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs



DUO CIRCUIT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300470382	L 58 W/830	Shipping carton box 30 Pieces Sleeves	1295 mm x 456 mm x 206 mm	121.65 dm ³	7243.00 g
4050300517971	L 58 W/830	Shipping carton box 25 Pieces Sleeves	142 mm x 145 mm x 1542 mm	31.75 dm ³	6520.00 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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L 58 W/830

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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 58 W/830	QT-FIT 5/8 1x54-58	4008321873828	0.24 A	54.00 W	0.98	5000 lm
	QT-FIT 5/8 2x54-58	4008321873842	0.48 A	107.00 W	0.98	5000 lm
	QT-FIT8 1x58-70	4008321294227	0.24 A	54.00 W	0.96	5000 lm
	QT-FIT8 2x58	4008321294289				
	QT-FIT8 2x58-70	4052899151932	0.48 A	109.00 W	0.98	5000 lm
	QTi 1x28/54/35/49 GII	4008321383358	0.24 A	55.00 W	0.99	5000 lm
	QTi 2x28/54/35/49 GII	4008321383419	0.47 A	109.00 W	0.99	5000 lm
	QTi DALI 1x58 DIM	4050300870823	0.25 A	56.00 W	0.99	5000 lm
	QTi DALI 2x58 DIM	4050300870847	0.47 A	108.00 W	0.99	5000 lm
	QTP-OPTIMAL 1x54-58	4008321873729	0.25 A	54.00 W	0.98	5000 lm
QTP-OPTIMAL 2x54-58	4008321880253	0.49 A	112.00 W	0.99	5000 lm	

Product name	Product name ECG	EAN	Number of lighting outlets
L 58 W/830	QT-FIT 5/8 1x54-58	4008321873828	1
	QT-FIT 5/8 2x54-58	4008321873842	2
	QT-FIT8 1x58-70	4008321294227	1
	QT-FIT8 2x58	4008321294289	

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Product name	Product name ECG	EAN	Number of lighting outlets
	QT-FIT8 2x58-70	4052899151932	2
	QTi 1x28/54/35/49 GII	4008321383358	1
	QTi 2x28/54/35/49 GII	4008321383419	2
	QTi DALI 1x58 DIM	4050300870823	1
	QTi DALI 2x58 DIM	4050300870847	2
	QTP-OPTIMAL 1x54-58	4008321873729	1
	QTP-OPTIMAL 2x54-58	4008321880253	2