

Product datasheet

L 18 W/840

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

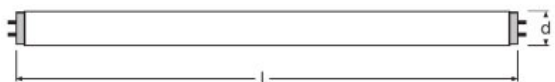
Electrical data

Nominal voltage	57.0 V
Nominal wattage	18.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	18.00 W
Nominal current	0.37 A

Photometrical data

Rated lamp efficacy (standard condition)	75 lm/W
Color rendering index Ra	≥80
Rated luminous flux	1350 lm
Luminous flux at	1350 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	1350 lm
Light color (designation)	LUMILUX Cool White
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	0.80
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89
Color temperature	4000 K
Luminous flux	1350 lm

Dimensions & weight



Tube diameter	26 mm
Length	590.0 mm
Length with base excl. base pins/connection	590.00 mm
Diameter	26.0 mm
Product weight	78.00 g
Outer bulb	T26
Maximum diameter	26.0 mm

Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	35.0 °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	0.90
Rated lamp survival factor at 12,000 h	0.70
Rated lamp survival factor at 16,000 h	0.43
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

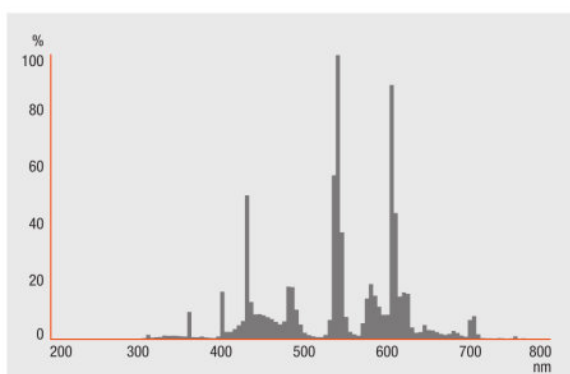
Certificates & standards

Energy efficiency class	A
Energy consumption	22 kWh/1000h

Country specific categorizations

Order reference	L 18W/840
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Light Distribution



FL_840

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
4050300517797	L 18 W/840	Shipping carton box 25 Pieces Sleeves	142 mm x 145 mm x 632 mm	13.01 dm ³	2595.00 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 18 W/840

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 35 °C
L 18 W/840	QT-ECO 1x18-24/220-240 S	4050300638560	0.14 A	19.00 W	0.60 c	1250 lm
	QT-FIT 5/8 1x18-39	4008321873927	0.10 A	21.00 W	0.95	1350 lm
	QT-FIT 5/8 2x18-39	4008321873903	0.17 A	39.00 W	0.95	1350 lm
	QT-FIT8 1x18	4008321294180	0.09 A	19.00 W	0.95	1350 lm
	QT-FIT8 2x18	4008321294241	0.16 A	36.00 W	0.98	1350 lm
	QT-FIT8 3x18, 4x18	4008321294302	0.33 A	74.00 W	0.99	1350 lm
	QT-FIT8 3x18, 4x18	4008321294302	0.25 A	54.00 W	0.97	1350 lm
	QTi 1x14/24/21/39 GII	4008321383334	0.09 A	19.00 W	0.93 c	1350 lm
	QTi 2x14/24/21/39 GII	4008321383396	0.17 A	37.00 W	0.96	1350 lm
	QTi DALI 2x18 DIM	4050300870526	0.16 A	36.50 W	0.97	1350 lm
	QTi DALI 3x18 DIM	4008321069979	0.24 A	53.60 W	0.98	1350 lm
	QTi DALI 4x18 DIM	4008321070050	0.31 A	69.30 W	0.98	1350 lm
	QTP-M 1x26-42	4008321329134	0.10 A	19.00 W	0.88 c	1350 lm
	QTP-M 2x26-32	4008321329158	0.17 A	36.00 W	0.95	1350 lm
	QTP-OPTIMAL 1x18-40	4008321873743	0.10 A	20.00 W	0.95	1350 lm
	QTP-OPTIMAL 2x18-40	4008321873767	0.17 A	39.00 W	0.95	1350 lm
	QTz8 1x18	4008321863263	0.09 A	20.00 W	0.95	1350 lm

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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
	QTz8 2x18	4008321863300	0.09 A	23.00 W	0.95	1350 lm
	QTz8 4x18	4008321863362	0.25 A	54.00 W	0.97	1350 lm

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
L 18 W/840	QT-ECO 1x18-24/220-240 S	4050300638560	1	A2
	QT-FIT 5/8 1x18-39	4008321873927	1	
	QT-FIT 5/8 2x18-39	4008321873903	2	
	QT-FIT8 1x18	4008321294180	1	
	QT-FIT8 2x18	4008321294241	2	
	QT-FIT8 3x18, 4x18	4008321294302	4	
	QT-FIT8 3x18, 4x18	4008321294302	3	
	QTi 1x14/24/21/39 GII	4008321383334	1	
	QTi 2x14/24/21/39 GII	4008321383396	2	
	QTi DALI 2x18 DIM	4050300870526	2	
	QTi DALI 3x18 DIM	4008321069979	3	
	QTi DALI 4x18 DIM	4008321070050	4	
	QTP-M 1x26-42	4008321329134	1	
	QTP-M 2x26-32	4008321329158	2	
	QTP-OPTIMAL 1x18-40	4008321873743	1	
	QTP-OPTIMAL 2x18-40	4008321873767	2	
	QTz8 1x18	4008321863263	1	
	QTz8 2x18	4008321863300	2	

Product datasheet

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
	QTz8 4x18	4008321863362	4	