

Product datasheet

L 16 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



Product datasheet

Technical data

Electrical data

Nominal voltage	90 V
Nominal wattage	16.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	16.00 W

Photometrical data

Rated lamp efficacy (standard condition)	78 lm/W
Color rendering index Ra	≥80
Rated luminous flux	1250 lm
Luminous flux at	1250 lm
Light color	840
Rated color temperature	4000 K
Nominal luminous flux	1250 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	0.93
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	4000 K
Luminous flux	1250 lm

Dimensions & weight



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Tube diameter	26 mm
Length	720.0 mm
Length with base excl. base pins/connection	720.00 mm
Diameter	26.0 mm
Product weight	101.00 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
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	20 kWh/1000h

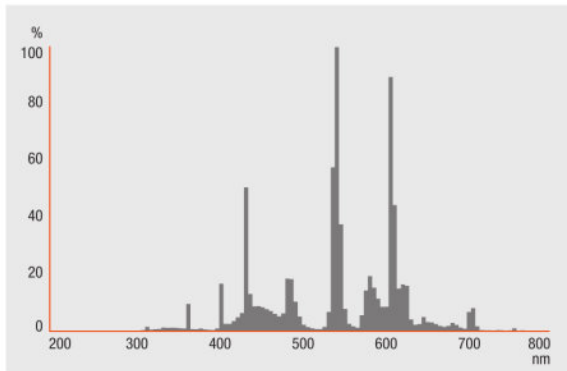
Country specific categorizations

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Order reference

L 16W/840

Light Distribution



FL_840

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

DUO CIRCUIT

Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300446066	L 16 W/840	Shipping carton box 25 Pieces Sleeves	639 mm x 270 mm x 145 mm	25.02 dm ³	3127.00 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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OSRAM

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L 16 W/840

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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 16 W/840	QT-ECO 1x4-16/220-240 S	4050300638584	0.11 A	16.00 W	0.60 c	1100 lm

Product name	Product name ECG	EAN	Number of lighting outlets
L 16 W/840	QT-ECO 1x4-16/220-240 S	4050300638584	1