

Product datasheet

L 16 W/840

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



Technical data

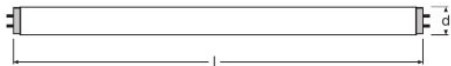
Electrical data

Nominal voltage	90 V
Nominal wattage	16,80 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	16,80 W
Lamp current	0,2 A
Nominal current	0.2 A A

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	0.9
Rated LLMF at 20,000 h	0.89
Color temperature	4000 K
Luminous flux	1250 lm

Dimensions & weight



Tube diameter	26 mm
Length	734,2 mm
Length with base excl. base pins/connection	720,00 mm
Diameter	25,5 mm
Product weight	100.00 g
Outer bulb	T26
Overall length	734.20 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⁾ Con preriscaldamento ECG

Additional product data

Product datasheet

Base (standard designation)	G13
Mercury content	3.0 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Si
Suitable for indoor	Ja

Certificates & standards

Energy efficiency class	G
Energy consumption	17.00 kWh/1000h

Country specific categorizations

Order reference	L 16W/840
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	19-01-2022
Primary Article Identifier	4050300446066
Declaration No. in SCIP database	In work

Light Distribution

FL_840

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

DUO CIRCUIT

Product datasheet

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

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	142 mm x 145 mm x 762 mm	15.69 dm ³	3152.00 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 <https://www.inventronics-light.com/multilevel-guarantees>

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 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