

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

Product benefits

- Up to 18 % higher luminous efficacy than conventional T8 BASIC lamps
- Good economy thanks to high efficiency

Product features

- Very good lumen maintenance: >90 % throughout the life of the lamp
- Good color rendering group: 1B (R_a : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX
- Available in many different light colors (2,700...8,000 K) for every application and preference



Technical data

Electrical data

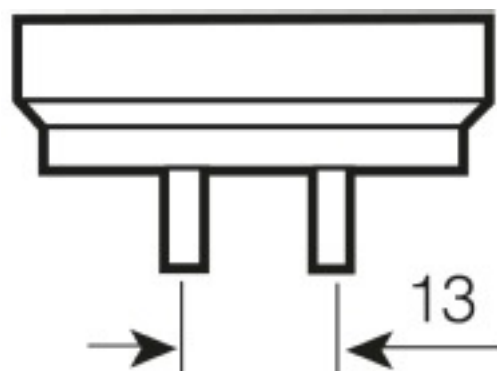
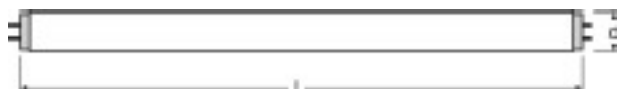
Nominal wattage	16 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	78 lm/W
Rated wattage	16 W

Light technical data

Color rendering index Ra	>=80
Rated luminous flux	1250 lm
Luminous flux at 25 °C	1250 lm
Light color	840
Color temperature	4000 K
Nominal luminous flux	1250 lm
Light color as per EN 12464-1	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	0.89
Color coordinates chromaticity diagram	0.38/0.38

Dimensions & weight

Tube diameter	26 mm
Length	720.0 mm
Length with base excl. base pins/connection	720.00 mm
Diameter	26.0 mm



G13
IEC 7004-51
DIN 49653 T1

Product line drawing with letters

Base

Colors & materials

Lamp mercury content	2.5 mg
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Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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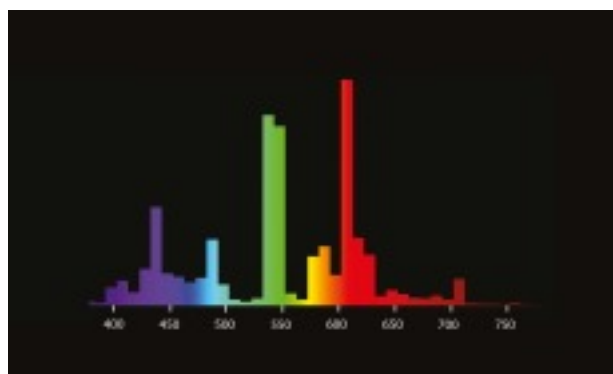
Lifespan

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	0.90
Operation mode LLMF/LSF	50 Hz

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	G13
Appropriate disposal acc. to WEEE	Yes



Spectral power distribution

Capabilities

Suitable for indoor	Yes
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Certificates & standards

EEI – Energy Label	A
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Lamp-ECG combination (System)

QT-ECO 1x4-16/220-240 L

Products

QT-ECO 1x4-16/220-240 L

QT-ECO 1x4-16/220-240 S

Products

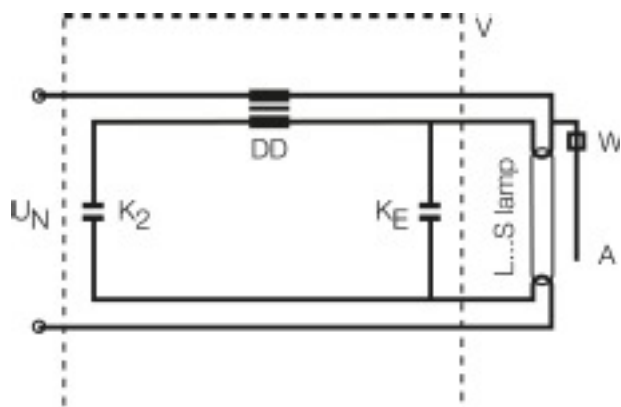
QT-ECO 1x4-16/220-240 S

System guarantee

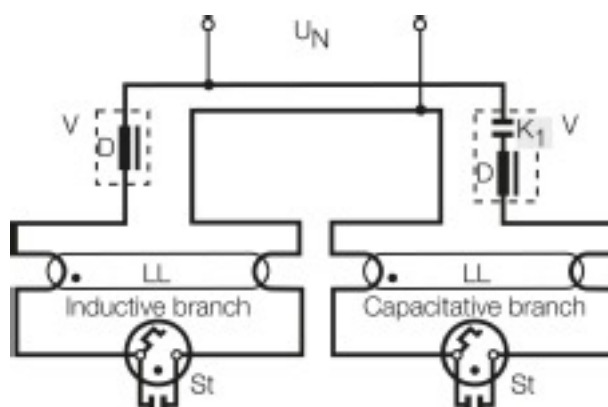
OSRAM System+ Guarantee in combination with OSRAM ECGs

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp



Circuit diagram



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300446066	Sleeves 1	30 mm x 27 mm x 735 mm	115.00 g	0.60 dm ³
4050300446073	Shipping carton box 25	145 mm x 270 mm x 639 mm	3127.00 g	25.02 dm ³

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.