

L 30 W/840

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



Areas of application

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

Product benefits

- Proven lamp technology
- Good economy thanks to high efficiency
- Available in many different light colors (2,700...8,000 K) for various applications

Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B (R_a : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX



Technical data

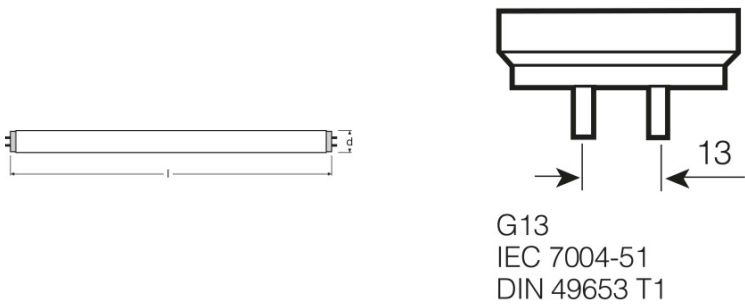
Electrical data

| | |
|--|---|
| Nominal wattage | 30.00 W |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Rated lamp efficacy (standard condition) | 80 lm/W |
| Rated wattage | 30.00 W |
| Rated luminous flux | 2400 lm |

Photometrical data

| | |
|---------------------------|--------------------|
| Color rendering index Ra | ≥80 |
| Luminous flux at 25 °C | 2400 lm |
| Light color | 840 |
| Color temperature | 4000 K |
| Nominal luminous flux | 2400 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 |

Dimensions & weight



| | |
|---|-----------|
| Tube diameter | 26 mm |
| Length | 895.0 mm |
| Length with base excl. base pins/connection | 895.00 mm |

Product datasheet

| | |
|------------------|---------|
| Diameter | 26.0 mm |
| Maximum diameter | 26.0 mm |

Temperatures & operating conditions

| | |
|--|---------|
| Rated ambient temp.w.max.luminous flux | 25.0 °C |
|--|---------|

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 |
| Nominal lamp life time | 20000 h |

¹⁾ With preheat ECG

Additional product data

| | |
|-----------------------------------|--------|
| Base (standard designation) | G13 |
| Lamp mercury content | 2.3 mg |
| Appropriate disposal acc. to WEEE | Yes |

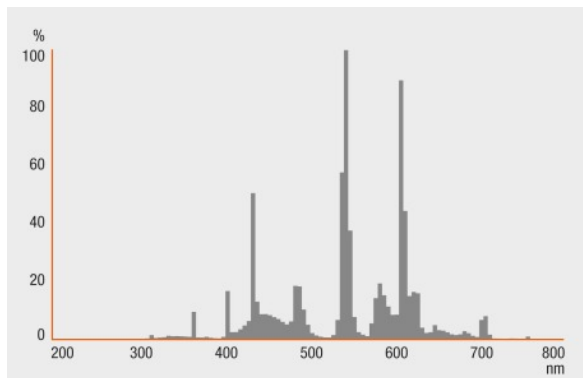
Capabilities

| | |
|---------------------|-----|
| Dimmable | Yes |
| Suitable for indoor | Yes |

Certificates & standards

| | |
|-------------------------|--------------|
| Energy efficiency class | A |
| Energy consumption | 36 kWh/1000h |

Light Distribution



Spectral power distribution

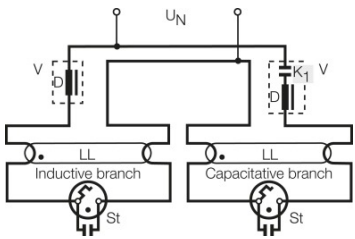
System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

Safety advice

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

Product datasheet



Circuit diagram

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|---------------------------------|---|-----------------------|--------------|
| 4050300336947 | L 30 W/840 | Shipping carton box 10 | 982 mm x 60 mm x 202 mm | 11.90 dm ³ | 2022.00 g |
| 4050300518039 | L 30 W/840 | Shipping carton box 25 | 781 mm x 306 mm x 145 mm | 34.65 dm ³ | 3872.50 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.

L 30 W/840

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

| Product name | Product name ECG | EAN | Nominal current | Nominal wattage + Power loss | Luminous flux at 35 °C | Number of lighting outlets |
|--------------|---------------------|---------------|-----------------|------------------------------|------------------------|----------------------------|
| L 30 W/840 | HF 1x36/230-240 DIM | 4050300297705 | 0.17 A | 36.00 W | 2900 lm | 1 |
| | HF 2x36/230-240 DIM | 4050300350974 | 0.31 A | 71.00 W | 2900 lm | 2 |
| | QT-FIT 5/8 1x18-39 | 4008321873927 | 0.15 A | 33.00 W | | 1 |
| | QT-FIT 5/8 2x18-39 | 4008321873903 | 0.27 A | 63.00 W | | 2 |
| | QTi 2x36 DIM | | 0.31 A | 69.00 W | 2250 lm | 2 |
| | QTi DALI 1x36 DIM | 4050300870427 | 0.16 A | 36.00 W | 2250 lm | 1 |
| | QTi DALI 2x36 DIM | 4050300870885 | 0.31 A | 69.00 W | 2250 lm | 2 |
| | QTP5 1x24-39 | 4008321329110 | 0.15 A | 33.00 W | 3000 lm | 1 |
| | QTP5 2x24-39 | 4008321329417 | 0.27 A | 62.00 W | 2850 lm | 2 |
| | QTP-OPTIMAL 1x18-40 | 4008321873743 | 0.15 A | 36.00 W | 2850 lm | 1 |
| | QTP-OPTIMAL 2x18-40 | 4008321873767 | 0.28 A | 63.00 W | 2850 lm | 2 |

| Product name | Product name ECG | EAN | Luminous flux at 25 °C |
|--------------|---------------------|---------------|------------------------|
| L 30 W/840 | HF 1x36/230-240 DIM | 4050300297705 | |
| | HF 2x36/230-240 DIM | 4050300350974 | |
| | QT-FIT 5/8 1x18-39 | 4008321873927 | 2350 lm |
| | QT-FIT 5/8 2x18-39 | 4008321873903 | 2350 lm |

Product datasheet

| Product name | Product name ECG | EAN | Luminous flux at 25 °C |
|--------------|---------------------|---------------|------------------------------|
| | QTi 2x36 DIM | | |
| | QTi DALI 1x36 DIM | 4050300870427 | |
| | QTi DALI 2x36 DIM | 4050300870885 | |
| | QTP5 1x24-39 | 4008321329110 | |
| | QTP5 2x24-39 | 4008321329417 | |
| | QTP-OPTIMAL 1x18-40 | 4008321873743 | |
| | QTP-OPTIMAL 2x18-40 | 4008321873767 | |