
Product datasheet

L 38 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 | 104 V |
| Nominal wattage | 38.00 W |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Rated wattage | 38.00 W |

Photometrical data

| | |
|--|--------------------|
| Rated lamp efficacy (standard condition) | 87 lm/W |
| Color rendering index Ra | ≥80 |
| Rated luminous flux | 3300 lm |
| Luminous flux at | 3300 lm |
| Light color | 840 |
| Rated color temperature | 4000 K |
| Nominal luminous flux | 3300 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 | 3300 lm |

Dimensions & weight



Product datasheet

| | |
|---|------------|
| Tube diameter | 26 mm |
| Length | 1047 mm |
| Length with base excl. base pins/connection | 1047.00 mm |
| Diameter | 26.0 mm |
| Product weight | 143.00 g |
| Outer bulb | T26 |
| 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 |

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 | 46 kWh/1000h |

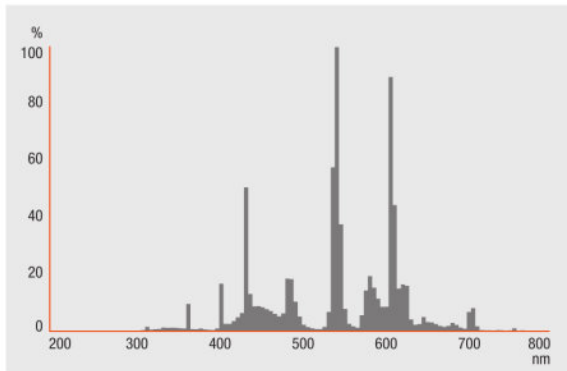
Country specific categorizations

Product datasheet

Order reference

L 38W/840

Light Distribution



FL_840

System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs

DUO CIRCUIT

Logistical Data

Product datasheet

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|--|---|-----------------------|--------------|
| 4050300518138 | L 38 W/840 | Shipping carton box 25 Pieces Sleeves | 617 mm x 621 mm x 149 mm | 57.09 dm ³ | 4512.00 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 38 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 38 W/840 | QTi 1x14/24/21/39 GII | 4008321383334 | 0.09 A | 35.00 W | 0.96 | 3300 lm |
| | QTi DALI 1x36 DIM | 4050300870427 | 0.16 A | 36.00 W | 0.98 | 3300 lm |
| | QTi DALI 2x36 DIM | 4050300870885 | 0.31 A | 69.00 W | 0.98 | 3300 lm |

| Product name | Product name ECG | EAN | Number of lighting outlets |
|--------------|-----------------------|---------------|----------------------------|
| L 38 W/840 | QTi 1x14/24/21/39 GII | 4008321383334 | 1 |
| | QTi DALI 1x36 DIM | 4050300870427 | 1 |
| | QTi DALI 2x36 DIM | 4050300870885 | 2 |