# PRODUCT DATASHEET
# L SA 40 W/640

**SA-Type T12 | Tubular fluorescent lamps 38 mm, for resonance double-choke circuits, with G13 base**



## AREAS OF APPLICATION

- Street lighting
- Industry
- Outdoor applications only in suitable luminaires

## PRODUCT BENEFITS

- Stable and suitable for outdoor lighting or fixtures with little thermal insulation

## PRODUCT FEATURES

- External ignition strip for improved ignition at low ambient temperatures
- Operation without starter




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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Nominal wattage** | 40.00 W |
| **Rated lamp efficacy (HF data 25 °C)** | Under clarification by authority and standardization body |
| **Rated wattage** | 40.00 W |

### Photometrical data

| | |
|---|---|
| **Rated lamp efficacy (standard condition)** | 75 lm/W |
| **Color rendering index Ra** | ≥60 |
| **Rated luminous flux** | 3000 lm |
| **Luminous flux at 25 °C** | 3000 lm |
| **Light color** | 4000 |
| **Rated color temperature** | 4000 K |
| **Nominal luminous flux** | 3000 lm |
| **Light color (designation)** | Cold White |
| **Rated LLMF at  2,000 h** | 0.85 |
| **Rated LLMF at 4,000 h** | 0.75 |
| **Rated LLMF at 6,000 h** | 0.67 |
| **Rated LLMF at 8,000 h** | 0.60 |
| **Color temperature** | 4000 K |
| **Luminous flux** | 3000 lm |
| **Color rendering index Ra** | ≥60 |

### Dimensions & weight



| | |
|---|---|
| **Tube diameter** | 38 mm |
| **Length** | 1200 mm |
| **Length with base excl. base pins/connection** | 1200.00 mm |
| **Diameter** | 38.0 mm |
| **Maximum diameter** | 38.0 mm |


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## Temperatures & operating conditions

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

## Lifespan

| | |
|---|---|
| **Service life** | 4000 h |
| **Lifespan** | 10000 h [1)] |
| **Rated lamp survival factor at 2,000 h** | 0.99 |
| **Rated lamp survival factor at 4,000 h** | 0.98 |
| **Rated lamp survival factor at 6,000 h** | 0.67 |
| **Rated lamp survival factor at 8,000 h** | 0.60 |
| **Operation mode LLMF/LSF** | 50 Hz |
| **Rated lamp life time** | 7500 h |
| **Nominal lamp life time** | 7500 h |

[1)] With CCG/LLCG

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | G13 |
| **Mercury content** | 3.0 mg |
| **Show WEEE picto** | Yes |

## Capabilities

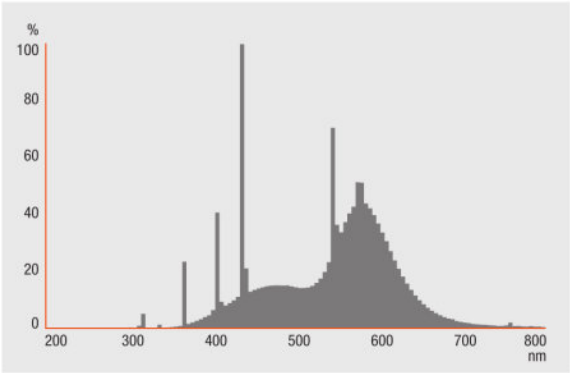
| | |
|---|---|
| **Suitable for indoor** | Yes |

## Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | A |
| **Energy efficiency class** | A |
| **Energy consumption** | 48 kWh/1000h |


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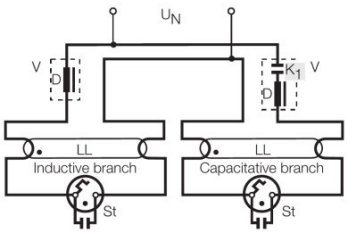
## Light Distribution




Spectral power distribution

## SAFETY ADVICE

— In case of lamp breakage: www.ledvance.com/brokenlamp




Circuit diagram

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4050300018331 | L SA 40 W/640 | Shipping carton box 25 | 1260 mm x 220 mm x 240 mm | 66.53 dm³ | 7329.00 g |


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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.

## DISCLAIMER

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