

# PRODUCT FAMILY DATASHEET

## U-shaped T8

U-shaped fluorescent lamps 26 mm, with 2G13 base



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### AREAS OF APPLICATION

- Street lighting, city lighting
- Industry

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### PRODUCT BENEFITS

- Extremely economical
- Good quality of light
- Excellent luminous flux

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### PRODUCT FEATURES

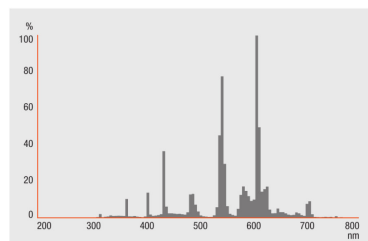
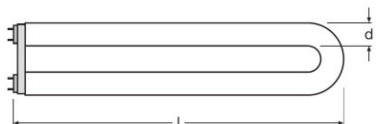
- Good color rendering group: 1B ( $R_a$ : 80...89)
- Good average lifetime
- Double-capped U-shaped fluorescent lamp



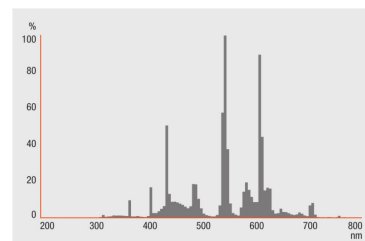
TECHNICAL DATA

| Product description | Electrical data | Photometrical data       |                        |                   |                           |                   |               |                          | Dimensions & weight |   | Temperatures & operating conditions     | Lifespan     |
|---------------------|-----------------|--------------------------|------------------------|-------------------|---------------------------|-------------------|---------------|--------------------------|---------------------|---|---|--------------|
|                     | Nominal wattage | Color rendering index Ra | Luminous flux at 25 °C | Color temperature | Light color (designation) | Color temperature | Luminous flux | Color rendering index Ra | Tube diameter       | Length with base excl. base pins/connection | Rated ambient temp.w. max.luminous flux | Service life |
| L U 18 W/830        | 18.00 W         | 80...89                  | 1350 lm                | 3000 K            | LUMILUX Warm White        | 3000 K            | 1350 lm       | 80...89                  | 26 mm               | 310.00 mm                                   | 25.0 °C                                 | 5250 h       |
| L U 18 W/840        | 18.00 W         | 80...89                  | 1350 lm                | 4000 K            | LUMILUX Cool White        | 4000 K            | 1350 lm       | 80...89                  | 26 mm               | 310.00 mm                                   | 25.0 °C                                 | 5250 h       |
| L U 36 W/830        | 36.00 W         | 80...89                  | 3550 lm                | 3000 K            | LUMILUX Warm White        | 3000 K            | 3350 lm       | 80...89                  | 26 mm               | 607.00 mm                                   | 25.0 °C                                 | 5250 h       |
| L U 36 W/840        | 36.00 W         | 80...89                  | 3350 lm                | 4000 K            | LUMILUX Cool White        | 4000 K            | 3350 lm       | 80...89                  | 26 mm               | 607.00 mm                                   | 25.0 °C                                 | 5250 h       |
| L U 58 W/830        | 58.00 W         | 80...89                  | 5250 lm                | 3000 K            | LUMILUX Warm White        | 3000 K            | 5220 lm       | 80...89                  | 26 mm               | 765.00 mm                                   | 25.0 °C                                 | 5250 h       |
| L U 58 W/840        | 58.00 W         | 80...89                  | 5250 lm                | 4000 K            | LUMILUX Cool White        | 4000 K            | 5220 lm       | 80...89                  | 26 mm               | 765.00 mm                                   | 25.0 °C                                 | 5250 h       |

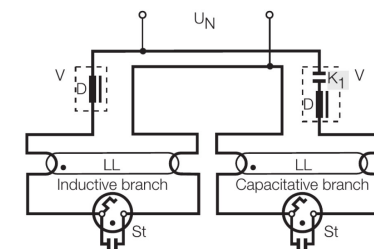
| Product description | Lifespan | Additional product data     |                 | Certificates & standards |                    |
|---------------------|----------|-----------------------------|-----------------|--------------------------|--------------------|
|                     |          | Base (standard designation) | Show WEEE picto | Energy efficiency class  | Energy consumption |
| L U 18 W/830        | 7500 h   | 2G13                        | Yes             | A                        | 22 kWh/1000h       |
| L U 18 W/840        | 7500 h   | 2G13                        | Yes             | A                        | 22 kWh/1000h       |
| L U 36 W/830        | 7500 h   | 2G13                        | Yes             | A+                       | 44 kWh/1000h       |
| L U 36 W/840        | 7500 h   | 2G13                        | Yes             | A+                       | 44 kWh/1000h       |
| L U 58 W/830        | 7500 h   | 2G13                        | Yes             | A                        | 68 kWh/1000h       |
| L U 58 W/840        | 7500 h   | 2G13                        | Yes             | A                        | 68 kWh/1000h       |



L U 18 W/830, L U 36 W/830, L U 58 W/830



L U 18 W/840, L U 36 W/840, L U 58 W/840



L U 18 W/830, L U 18 W/840, L U 36 W/830, L U 36 W/840, L U 58 W/830, L U 58 W/840

**SYSTEM GUARANTEE**

OSRAM System+ Guarantee in combination with OSRAM ECGs

**EQUIPMENT / ACCESSORIES**

– Suitable for operation on electronic and conventional control gears

**SAFETY ADVICE**

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321960009 | Shipping carton box<br>24    | 645 mm x 262 mm x 194 mm             | 4195.00 g    | 32.78 dm <sup>3</sup> |
| 4008321469175 | Shipping carton box<br>24    | 645 mm x 263 mm x 193 mm             | 4188.50 g    | 32.74 dm <sup>3</sup> |
| 4008321960016 | Shipping carton box<br>12    | 630 mm x 263 mm x 200 mm             | 4180.00 g    | 33.14 dm <sup>3</sup> |
| 4008321469199 | Shipping carton box<br>12    | 630 mm x 262 mm x 194 mm             | 4180.00 g    | 32.02 dm <sup>3</sup> |
| 4008321959140 | Shipping carton box<br>12    | 790 mm x 255 mm x 195 mm             | 4781.00 g    | 39.28 dm <sup>3</sup> |
| 4008321469212 | Shipping carton box<br>12    | 790 mm x 260 mm x 196 mm             | 4781.00 g    | 40.26 dm <sup>3</sup> |

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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.