



# Product Description

## Flexo Print

Tubular low-pressure mercury vapour discharge lamps

### Benefits

- Best match with photo sensitizers
- Highest output on irradiated area

### Features

- Internally coated with a white fluorescent powder to convert the short-wave UV radiation into useful actinic radiation
- Emit radiation in the range 380 - 480 nm with a maximum at 420 nm
- Spectral energy distribution in accordance with the spectral sensitivity of a number of diazo copying papers
- For maximum beauty of marine aquaria, TL /03 "Aqua Coral" lamps can be used in combination with full-spectrum "Natural Daylight" fluorescent lamps

### Application

- Diazo copying machines
- Marine aquaria
- Phototherapy (neonatal jaundice treatment)

### Warnings and Safety

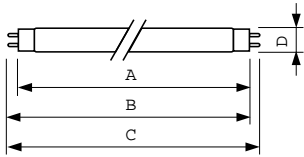
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

# Flexo Print

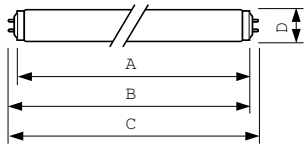
## Versions



## Dimensional drawing



| Product            | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|--------------------|---------|-----------|-----------|-----------|-----------|
| TL 80W/10-R SLV/25 | 40.5 mm | 1500 mm   | 1507.1 mm | 1504.7 mm | 1514.2 mm |
| TL 100W/10-R UV-A  | 40.5 mm | 1763.8 mm | 1770.9 mm | 1768.5 mm | 1778 mm   |



| Product        | D (max) | A (max)  | B (max)  | B (min)  | C (max) |
|----------------|---------|----------|----------|----------|---------|
| TL-K 40W UVA-1 | 40.5 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm  |

### General Information

Cap-Base G13

### Light Technical

Colour Code 10-R

Colour Designation Ultra Violet A

### Mechanical and Housing

Bulb Shape T38

### UV

UV-B/UV-A (IEC) 0.1 %

## Operating and Electrical

| Order Code   | Full Product Name  | Lamp Current |               | Power (Rated) |
|--------------|--------------------|--------------|---------------|---------------|
|              |                    | (Nom)        | Voltage (Nom) | (Nom)         |
| 928004101029 | TL-K 40W UVA-1     | 0.86 A       | 50 V          | 40.5 W        |
| 928005901029 | TL 80W/10-R SLV/25 | 0.83 A       | 110 V         | 80 W          |

| Order Code   | Full Product Name | Lamp Current |               | Power (Rated) |
|--------------|-------------------|--------------|---------------|---------------|
|              |                   | (Nom)        | Voltage (Nom) | (Nom)         |
| 928006901029 | TL 100W/10-R UV-A | 0.97 A       | 122 V         | 100 W         |

## General Information

| Order Code   | Full Product Name     | Life To 50%    | Useful Life | Main Application |
|--------------|-----------------------|----------------|-------------|------------------|
|              |                       | Failures (Nom) | (Nom)       |                  |
| 928004101029 | TL-K 40W UVA-1        | 2000 h         | 2000 h      | Reprography (R)  |
| 928005901029 | TL 80W/10-R<br>SLV/25 | 1000 h         | 1000 h      | Reprography (R)  |

| Order Code   | Full Product Name | Life To 50%    | Useful Life | Main Application |
|--------------|-------------------|----------------|-------------|------------------|
|              |                   | Failures (Nom) | (Nom)       |                  |
| 928006901029 | TL 100W/10-R UV-A | 2000 h         | 1000 h      | Phototherapy     |

## UV

| Order Code   | Full Product Name  | UV-A Radiation 100Hr | UV-A Radiation 0Hr |
|--------------|--------------------|----------------------|--------------------|
|              |                    | (IEC)                | (IEC)              |
| 928004101029 | TL-K 40W UVA-1     | 7.4 W                | 8.0 W              |
| 928005901029 | TL 80W/10-R SLV/25 | 20.5 W               | -                  |

| Order Code   | Full Product Name | UV-A Radiation 100Hr | UV-A Radiation 0Hr |
|--------------|-------------------|----------------------|--------------------|
|              |                   | (IEC)                | (IEC)              |
| 928006901029 | TL 100W/10-R UV-A | 26.0 W               | 28.0 W             |

## Approval and Application

| Order Code   | Full Product Name  | Mercury (Hg) Content (Nom) |
|--------------|--------------------|----------------------------|
| 928004101029 | TL-K 40W UVA-1     | -                          |
| 928005901029 | TL 80W/10-R SLV/25 | 13.0 mg                    |

| Order Code   | Full Product Name | Mercury (Hg) Content (Nom) |
|--------------|-------------------|----------------------------|
| 928006901029 | TL 100W/10-R UV-A | 13.0 mg                    |

