# Flexo Print

## TL 100W/10-R

Flexo print TL lamps emit almost all of their light (99.9%) in the useful UVA and visible blue wavebands – between 350 and 400 nm – and have peak intensity at 370 nm (except for the /03 version). This makes them ideal for flexo printing equipment and photopolymerization processes. In addition, the 'R' lamps in the family have an internal 200-degree reflector to further optimize the lamp's overall efficiency.

## Product data

### • General Characteristics

| | |
|---|---|
| Cap-Base | G13 |
| Bulb | T12 [T12] |
| Main Application | Reprography |
| Useful Life | 1000 hr |

### • Light Technical Characteristics

| | |
|---|---|
| Color Code | 10-R |
| Color Designation (text) | Ultra Violet A |
| Chromaticity Coordinate X | 222 - |
| Chromaticity Coordinate Y | 210 - |
| Depreciation 500 hours | 10 % |
| Depreciation 1000 hours | 20 % |
| Depreciation 2000 hours | 30 % |

### • Electrical Characteristics

| | |
|---|---|
| Watts | 100 W |
| Lamp Wattage Technical | 100 W |
| Lamp Voltage | 122 V |
| Lamp Current | 0.97 A |

### • Environmental Characteristics

| | |
|---|---|
| Mercury (Hg) Content | 13.0 mg |

### • UV-related Characteristics

| | |
|---|---|
| UV-A Radiation 100hr (IEC) | 26.6 W |
| UV-B/UV-A (IEC) | 0.1 % |

### • Product Dimensions

| | |
|---|---|
| Base Face to Base Face A | 1763.8 (max) mm |
| Insertion Length B | 1768.5 (min), 1770.9 (max) mm |
| Overall Length C | 1778 (max) mm |
| Diameter D | 40.5 (max) mm |

### • Product Data

| | |
|---|---|
| Product number | 421545 |
| Full product name | TL 100W/10-R |
| Short product name | TL 100W/10-R SLV/25 |
| Pieces per Sku | 1 |
| eop_pck_cfg | 25 |
| Skus/Case | 25 |
| Bar code on pack | 46677421540 |
| Bar code on case | 50046677421545 |
| Logistics code(s) | 928006901014 |
| eop_net_weight_pp | 391.600 gr |

## Dimensional drawing

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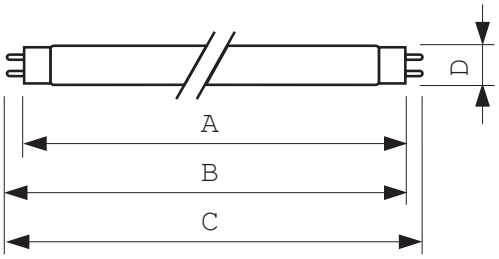
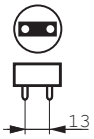
## Dimensional drawing

### TL 100W/10-R

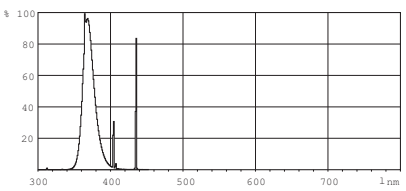
| Product | A (Max) | B (Min) | B (Max) | C (Max) | D (Max) |
|---|---|---|---|---|---|
| TL 100W/10-R | 1763.8 | 1768.5 | 1770.9 | 1778 | 40.5 |



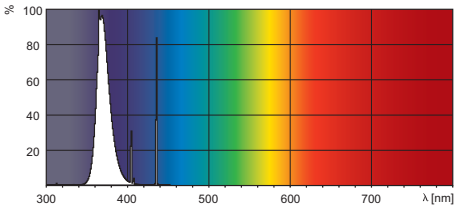




G13

## Photometric data




Lightcolor /10-R

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**www.philips.com/lighting**

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data subject to change