



# Small size fluorescent lamp

## TL Mini consumer products

They come in different wattages and colors with moderate (/33) to good (/827) light quality.

### Benefits

- Long lifetime
- Energy saving
- Color /827 radiates light which is comparable with incandescent lighting

### Features

- Small diameter tubes

### Application

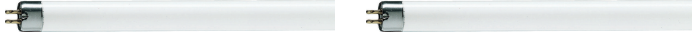
- TL Mini /827 (warm white) is ideal for applications where better color rendering and efficacy (than standard colors) are required like e.g. halls, staircase lighting in apartment buildings, kitchens, mirror, cabinet and cupboard lighting.
- TL Mini Standard color is suitable for applications where color rendering is less important like orientation and emergency lighting.

### 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.

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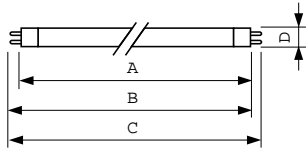
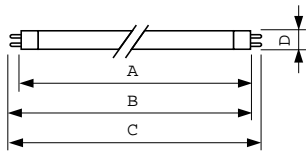
## Versions



G5, T5

G5, T5

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL Mini 13W/33-640 1PP/10	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
TL Mini 8W/33-640 1PP/10	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
TL Mini 6W/33-640 1PP/10	16 mm	212.1 mm	219.2 mm	216.8 mm	226.3 mm

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL Mini 8W/827 1PP/10	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
TL Mini 13W/827 1PP/10	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm

### Approval and Application

Mercury (Hg) Content (Max) 2.5 mg

### Controls and Dimming

Dimmable Yes

### General Information

Cap-Base G5

### Mechanical and Housing

Bulb Shape T5

## TL Mini consumer products

### Approval and Application

Order Code	Full Product Name	Energy Consumption		Mercury (Hg)
		kWh/1000 h		Content (Nom)
928000503313	TL Mini 6W/33-640 1PP/10	6 kWh		4.4 mg
928001003313	TL Mini 8W/33-640 1PP/10	8 kWh		4.4 mg
928001503313	TL Mini 13W/33-640 1PP/10	14 kWh		4.4 mg

Order Code	Full Product Name	Energy Consumption		Mercury (Hg)
		kWh/1000 h		Content (Nom)
928001008213	TL Mini 8W/827 1PP/10	8 kWh		3.0 mg
928001508213	TL Mini 13W/827 1PP/10	14 kWh		3.0 mg

### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power
				(Rated)
928000503313	TL Mini 6W/33-640 1PP/10	0.160 A	42 V	6.0 W
928001003313	TL Mini 8W/33-640 1PP/10	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power
				(Rated)
928001503313	TL Mini 13W/33-640 1PP/10	0.170 A	90 V	13.1 W
928001008213	TL Mini 8W/827 1PP/10	0.145 A	56 V	7.1 W
928001508213	TL Mini 13W/827 1PP/10	0.170 A	90 V	13.1 W

### General Information

Order Code	Full Product Name	Life To 50%		Life To 50%		System Description
		Failures Preheat (Nom)	Life To 10% (Nom)	Failures (Nom)	Failures (Nom)	
928000503313	TL Mini 6W/ 33-640 1PP/10	10000 h	5000 h	10000 h	-	
928001003313	TL Mini 8W/ 33-640 1PP/10	10000 h	5000 h	10000 h	-	
928001503313	TL Mini 13W/ 33-640 1PP/10	8000 h	4000 h	8000 h	-	

Order Code	Full Product Name	Life To 50%		Life To 50%		System Description
		Failures Preheat (Nom)	Life To 10% (Nom)	Failures (Nom)	Failures (Nom)	
928001008213	TL Mini 8W/827 1PP/10	10000 h	5000 h	10000 h	-	
928001508213	TL Mini 13W/827 1PP/10	8000 h	4000 h	8000 h	-	

### Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color	
							Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)
928000503313	TL Mini 6W/33-640 1PP/10	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %
928001003313	TL Mini 8W/33-640 1PP/10	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %
928001503313	TL Mini 13W/33-640 1PP/10	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %
928001008213	TL Mini 8W/827 1PP/10	0.463	0.42	827	Incandescent White	2700 K	82	71 %
928001508213	TL Mini 13W/827 1PP/10	0.463	0.42	827	Incandescent White	2700 K	82	71 %

### Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous	
				Efficacy (rated) (Nom)	Luminous Flux (Nom)
928000503313	TL Mini 6W/33-640 1PP/10	75 %	70 %	43 lm/W	260 lm

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous	
				Efficacy (rated) (Nom)	Luminous Flux (Nom)
928001003313	TL Mini 8W/33-640 1PP/10	80 %	70 %	51 lm/W	380 lm

## TL Mini consumer products

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous	Luminous Flux (Nom)
				Efficacy (rated) (Nom)	
928001503313	TL Mini 13W/33-640 1PP/10	85 %	70 %	71 lm/W	835 lm
928001008213	TL Mini 8W/827 1PP/10	85 %	77 %	59 lm/W	450 lm

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous	Luminous Flux (Nom)
				Efficacy (rated) (Nom)	
928001508213	TL Mini 13W/827 1PP/10	90 %	77 %	77 lm/W	1000 lm

