



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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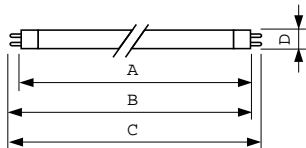
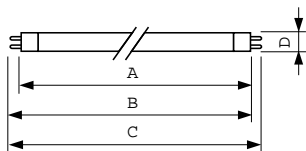
Versions



G5, T5

G5, T5

Dimensional drawing



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

Product
TL Mini 13W/827 1PP/10
TL Mini 8W/827 1PP/10

Controls and Dimming

Dimmable Yes

General Information

Cap-Base G5

Mechanical and Housing

Bulb Shape T5

Approval and Application

TL Mini consumer products

Order Code	Full Product Name	Energy	Energy	Mercury (Hg)
		Consumption	Efficiency	Content
		kWh/1000 h	Label (EEL)	(Nom)
928000503313	TL Mini 6W/33-640 1PP/10	7 kWh	B	4.4 mg
928001003313	TL Mini 8W/33-640 1PP/10	8 kWh	A	4.4 mg
928001503313	TL Mini 13W/33-640 1PP/10	14 kWh	A	4.4 mg

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

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power
				(Rated)
		(Nom)	(Nom)	(Nom)
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)
		(Nom)	(Nom)	(Nom)
928001503313	TL Mini 13W/33-640 1PP/10	0.170 A	90 V	13.0 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	13.0 W

General Information

Order Code	Full Product Name	Life To 50%		Life To 50%	
		Failures	Life To 10%	Failures	Life To 10%
		Preheat	(Nom)	(Nom)	System
		(Nom)	(Nom)	(Nom)	Description
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%	
		Failures	Life To 10%	Failures	Life To 10%
		Preheat	(Nom)	(Nom)	System
		(Nom)	(Nom)	(Nom)	Description
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	Color		Correlated Color Temperature (Nom)	Color			
		Code	Color Designation		Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)
928000503313	TL Mini 6W/33-640 1PP/10	33-640	Cool White (CW)	4100 K	60	58 %	75 %	70 %
928001003313	TL Mini 8W/33-640 1PP/10	33-640	Cool White (CW)	4100 K	60	58 %	80 %	70 %
928001503313	TL Mini 13W/33-640 1PP/10	33-640	Cool White (CW)	4100 K	60	58 %	85 %	70 %
928001008213	TL Mini 8W/827 1PP/10	827	Incandescent White	2700 K	82	71 %	85 %	77 %
928001508213	TL Mini 13W/827 1PP/10	827	Incandescent White	2700 K	82	71 %	90 %	77 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy	Luminous Flux
		(rated) (Nom)	(Nom)
928000503313	TL Mini 6W/33-640 1PP/10	43 lm/W	260 lm
928001003313	TL Mini 8W/33-640 1PP/10	51 lm/W	410 lm

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Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
928001503313	TL Mini 13W/33-640 1PP/10	71 lm/W	930 lm
928001008213	TL Mini 8W/827 1PP/10	59 lm/W	470 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
928001508213	TL Mini 13W/827 1PP/10	77 lm/W	1000 lm

