



# Long life T12 lamp for explosion free environments

## TL-X XL

The TL-X XL lamp (tube diameter 38 mm) has an extended lifetime and is fitted with an internal ignition strip for electromagnetic starterless operation or high-frequency non-preheat operation. In combination with a special lampholder, all possible sparking effects during ignition are eliminated. This lamp is used in flameproof and increased-safety luminaires for both indoor and outdoor applications, such as the (petro-)chemical industry, offshore, mines and any location where traces of explosive gases may be found.

### Benefits

- In combination with a special lampholder all possible sparking effects during ignition are eliminated
- Extended lifetime compared with standard TL lamps

### Features

- Provided with internal ignition strip for EM starterless operation or HF Non-preheat operation
- Special Fa6 lamp cap has a long and thick pin, requiring a special lampholder

### Application

- Used in flameproof and increased-safety luminaires for both indoor and outdoor applications
- Used in applications like (petro-)chemical industry, offshore, mines and any locations where traces of explosive gases may be found

# TL-X XL

## Warnings and Safety

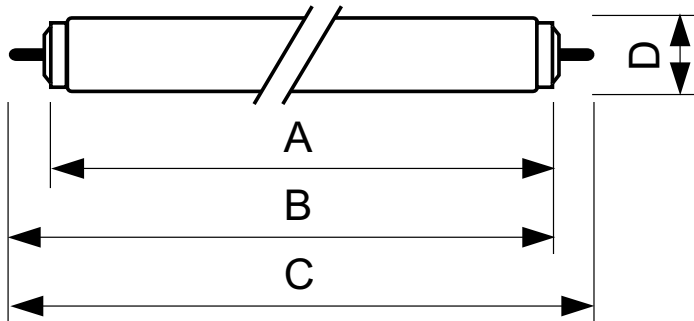
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

## Versions



Fa6, T12

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-X XL 20W/33-640 SLV/25	40.5 mm	574 mm	592.5 mm	589 mm	611 mm
TL-X XL 40W/33-640 SLV/25	40.5 mm	1183.5 mm	1202 mm	1198.5 mm	1220.5 mm

# TL-X XL

## Approval and Application

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	12.0 mg

## Controls and Dimming

Dimmable	Yes
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## General Information

Cap-Base	FA6
Life To 10% Failures (Nom)	21000 h
Life To 50% Failures (Nom)	26000 h

## Light Technical

Color Code	33-640
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4100 K
Color Rendering Index (Nom)	63
Lumen Maintenance 10000 h (Nom)	0 %
Lumen Maintenance 2000 h (Nom)	88 %
Lumen Maintenance 5000 h (Nom)	83 %

## Mechanical and Housing

Bulb Shape	T12
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
928037703332	TL-X XL 20W/33-640 SLV/25	25 kWh
928037903332	TL-X XL 40W/33-640 SLV/25	47 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928037703332	TL-X XL 20W/33-640 SLV/25	0.380 A	58 V	20.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
928037903332	TL-X XL 40W/33-640 SLV/25	0.430 A	103 V	39.0 W

## Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
928037703332	TL-X XL 20W/33-640 SLV/25	47 lm/W	940 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
928037903332	TL-X XL 40W/33-640 SLV/25	58 lm/W	2300 lm

