

PHILIPS

Lighting



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

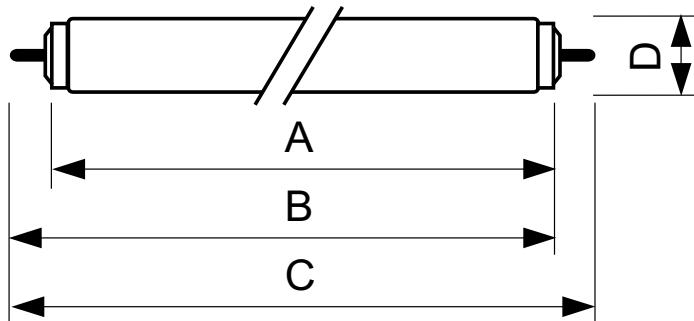
Application

- 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

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.

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	1,183.5 mm	1,202 mm	1,198.5 mm	1,220.5 mm

General Information	
Cap-Base	FA6
Light Technical	
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	60
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T12
Approval and Application	
Mercury (Hg) Content (Max)	12 mg
Mercury (Hg) Content (Nom)	12.0 mg

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
928037703332	TL-X XL 20W/33-640 SLV/25	47 lm/W	940 lm
928037903332	TL-X XL 40W/33-640 SLV/25	58 lm/W	2,300 lm

Operating and Electrical

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
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 Consumption
928037903332	TL-X XL 40W/33-640 SLV/25	0.430 A	103 V	40.0 W

Approval and Application

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

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

