PHILIPS

TL-X XL

TLXXL



Long life T12 lamp for explosion free environments

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

Applications

- 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

Features

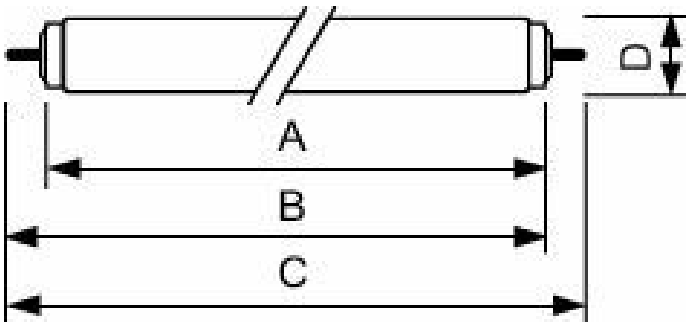
- Provided with internal ignition strip for EM starterless operation or HF Non-preheat operation
- Special Fa6 lamp cap has a long and thick pin, requiring a special lampholder
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes 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



LPPR TL-X

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

Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
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 Flux	Luminous Efficacy (rated) (Nom)
928037703332	TL-X XL 20W/33-640 SLV/25	940 lm	47 lm/W
928037903332	TL-X XL 40W/33-640 SLV/25	2,300 lm	58 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
928037703332	TL-X XL 20W/33-640 SLV/25	20.0 W	0.380 A	58 V
928037903332	TL-X XL 40W/33-640 SLV/25	40.0 W	0.430 A	103 V

Approval and Application

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

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