PHILIPS

MASTER TL-D Xtreme

TLDXTRE8



Fit and Forget

This MASTER TL-D Xtreme lamp offers extremely long lifetime. This results in extra-low lamp cost over life. It is therefore suitable for places where lamp replacement is expensive, due to high ceilings or disturbance of operations, and applications with long burning cycles, e.g. tunnels, oil rigs, manufacturing lines. It can be operated on existing gear or dedicated HF Xtreme gear.

Benefits

- Extremely long lifetime - up to 10 years of operation - results in lower maintenance costs, less waste and disposal costs at end-of-life
- Less hassle due to fewer early failures
- Facilitating the change from spot to group replacement

Applications

- Suitable for use in applications where maintenance is expensive (high ceilings, difficult to reach) and disruptive (stopping of production process, closure of tunnels), or where lamp failure is unacceptable for e.g. safety reasons: tunnels, process, food and petrochemical industries

Features

- Extremely long lifetime - up to 10 years operation; longest lifetime is achieved with special designed Philips HF Xtreme gear
- End-cap has an x-shaped green bottom plate to distinguish the lamp from other fluorescent lamps
- Low mercury dose (3 mg)

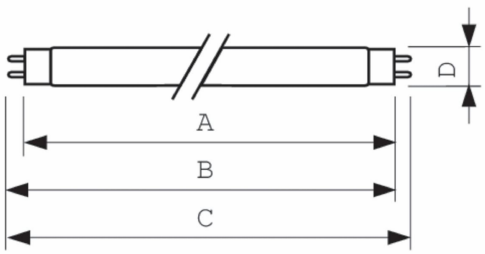
- To achieve published lifetimes for 100% operation, do not dim below 30%
- When used on electromagnetic gear, it is strongly recommended to apply only Philips S10 or S10E starters (for 18W types S2 or S2E) to achieve the published lifetimes, and to install new starters when relamping.
- A lamp breaking 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-D8LL 0003

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme 18W/830 SLV	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
MASTER TL-D Xtreme 36W/830 SLV	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Xtreme 36W/840 SLV	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]

Light Technical

Color rendering index (CRI)	82

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	T8

Approval and Application

Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg

Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
927980383014	MASTER TL-D Xtreme 18W/830 SLV	1,300 lm	Warm White (WW)	0.44	0.403	3000 K	76.3 lm/W
927982383014	MASTER TL-D Xtreme 36W/830 SLV	3,200 lm	Warm White (WW)	0.44	0.403	3000 K	90 lm/W
927982384014	MASTER TL-D Xtreme 36W/840 SLV	3,200 lm	Cool White (CW)	0.38	0.38	4000 K	90 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)
927980383014	MASTER TL-D Xtreme 18W/830 SLV	18.0 W	0.370 A
927982383014	MASTER TL-D Xtreme 36W/830 SLV	36.4 W	0.430 A
927982384014	MASTER TL-D Xtreme 36W/840 SLV	36.4 W	0.430 A

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927980383014	MASTER TL-D Xtreme 18W/830 SLV	18 kWh
927982383014	MASTER TL-D Xtreme 36W/830 SLV	37 kWh
927982384014	MASTER TL-D Xtreme 36W/840 SLV	37 kWh

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