



# Fit and Forget

## MASTER TL-D Xtreme

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

### 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)

### Application

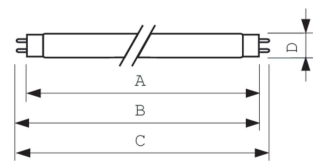
- Suitable for use in applications where maintenance is expensive (high ceilings, difficult to reach) and disruptive (stopping of production process, closure of tunnels), or where lamp failure is unacceptable for e.g. safety reasons: tunnels, process, food and petrochemical industries

### Warnings and Safety

- 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.

MASTER TL-D Xtreme

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 18W/840 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
MASTER TL-D Xtreme 36W/865 SLV	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Xtreme 58W/830 SLV	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D Xtreme 58W/840 SLV	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
MASTER TL-D Xtreme 58W/865 SLV	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

General Information	
Cap-Base	G13
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	Chromaticity	Chromaticity	Correlated Color		Color	Luminous Efficacy	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)	rendering index (CRI)	(rated) (Nom)	Luminous Flux
927980383014	MASTER TL-D Xtreme 18W/830 SLV	0.44	0.403	Warm White (WW)	3000 K	82	76.3 lm/W	1,300 lm
927980384014	MASTER TL-D Xtreme 18W/840 SLV	0.38	0.38	Cool White (CW)	4000 K	82	76 lm/W	1,300 lm
927982383014	MASTER TL-D Xtreme 36W/830 SLV	0.44	0.403	Warm White (WW)	3000 K	82	90 lm/W	3,200 lm
927982384014	MASTER TL-D Xtreme 36W/840 SLV	0.38	0.38	Cool White (CW)	4000 K	82	90 lm/W	3,200 lm
927982386514	MASTER TL-D Xtreme 36W/865 SLV	0.313	0.337	Cool Daylight	6500 K	80	88 lm/W	3,150 lm
927983383014	MASTER TL-D Xtreme 58W/830 SLV	0.44	0.403	Warm White (WW)	3000 K	82	88 lm/W	5,100 lm

MASTER TL-D Xtreme

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
927983384014	MASTER TL-D Xtreme 58W/840 SLV	0.38	0.38	Cool White (CW)	4000 K	82	88 lm/W	5,100 lm
927983386514	MASTER TL-D Xtreme 58W/865 SLV	0.313	0.337	Cool Daylight	6500 K	80	86 lm/W	5,000 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
927980383014	MASTER TL-D Xtreme 18W/830 SLV	0.370 A	18.0 W
927980384014	MASTER TL-D Xtreme 18W/840 SLV	0.370 A	18.0 W
927982383014	MASTER TL-D Xtreme 36W/830 SLV	0.430 A	36.4 W
927982384014	MASTER TL-D Xtreme 36W/840 SLV	0.430 A	36.4 W

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
927982386514	MASTER TL-D Xtreme 36W/865 SLV	0.430 A	36.4 W
927983383014	MASTER TL-D Xtreme 58W/830 SLV	0.665 A	58.9 W
927983384014	MASTER TL-D Xtreme 58W/840 SLV	0.665 A	58.9 W
927983386514	MASTER TL-D Xtreme 58W/865 SLV	0.665 A	58.9 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000
		h
927980383014	MASTER TL-D Xtreme 18W/830 SLV	18 kWh
927980384014	MASTER TL-D Xtreme 18W/840 SLV	18 kWh
927982383014	MASTER TL-D Xtreme 36W/830 SLV	37 kWh
927982384014	MASTER TL-D Xtreme 36W/840 SLV	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000
		h
927982386514	MASTER TL-D Xtreme 36W/865 SLV	37 kWh
927983383014	MASTER TL-D Xtreme 58W/830 SLV	59 kWh
927983384014	MASTER TL-D Xtreme 58W/840 SLV	59 kWh
927983386514	MASTER TL-D Xtreme 58W/865 SLV	59 kWh

