



# Product Description

## MASTER TL-D Xtreme

Low-pressure mercury discharge lamp with a tubular 26mm envelope

### Benefits

- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Less waste and disposal cost at end-of-life
- Special fluorescent coating gives good colour rendering

### Features

- Significant reduction of early failures based upon a new technology (patent pending)
- Extreme long and reliable lifetime
- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- Low mercury dose for a long-life lamp (5 mg)
- Fully recyclable lamp technology
- End-cap has an x-shaped green bottom plate to distinguish lamp from other fluorescent lamps

### Application

- Suitable for use in applications where maintenance costs (high ceilings, difficult to reach) and disruptive costs are high (stopping of production process, closure of tunnels), or where lamp failure is not acceptable 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.

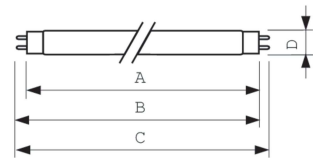
# MASTER TL-D Xtreme

## 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
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	Chromaticity	Chromaticity	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			
927980383014	MASTER TL-D Xtreme 18W/830 SLV	0.44	0.403	Warm White (WW) 3000 K	76.3 lm/W	1,300 lm

MASTER TL-D Xtreme

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	(rated) (Nom)	
927982383014	MASTER TL-D Xtreme 36W/830 SLV	0.44	0.403	Warm White (WW)	3000 K	90 lm/W	3,200 lm
927982384014	MASTER TL-D Xtreme 36W/840 SLV	0.38	0.38	Cool White (CW)	4000 K	90 lm/W	3,200 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
927982383014	MASTER TL-D Xtreme 36W/830 SLV	0.430 A	36.4 W

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

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

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

