



# Product Description

## MASTER TL-D Secura

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

### Benefits

- Special protective coating in the lamp-, prevents products from contamination in case of accidental lamp breakage
- Easy identification in audit situations by two blue rings at one end
- Special fluorescent coating gives good colour rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Protects products from discolouring and loss of taste by 90% lower UV emission
- Compliant with HACCP regulations and supports HACCP certification

### Features

- Protective coating around the entire lamp
- Two blue rings around one end
- Direct retrofit for all Standard and Super 80 TL-D lamps operating on conventional or HF gear
- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- Available in various colour designations
- Low mercury dose
- Recyclable at end-of-life, including the protective lamp coating
- End-cap has green bottom plate to identify lamp as recyclable

### Application

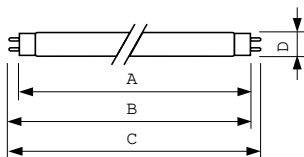
- For use where contamination resulting from lamp breakage must be prevented, e.g. in food preparation, health care, pharmaceuticals, cleanrooms etc.
- Suitable for use in environments with increased risk of breakage, e.g. sports halls
- Suitable for use in environments where UV emission should be reduced (museums, libraries, archives, food industry, fashion shops, etc.)

# MASTER TL-D Secura

## Warnings and Safety

- Not suitable for closed luminaires (as indicated by two blue rings)
- Recommended use in combination with self-stopping lamp control system
- 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.
- It's strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Secura 18W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D Secura 36W/840 SLV/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
MASTER TL-D Secura 58W/840 SLV/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

General Information	
Cap-Base	G13
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)	80
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	1.7 mg

## Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
64010940	MASTER TL-D Secura 18W/840 1SL/25	72 lm/W	1,300 lm
64014740	MASTER TL-D Secura 36W/840 1SL/25	89 lm/W	3,250 lm
64018540	MASTER TL-D Secura 58W/840 1SL/25	85.5 lm/W	5,100 lm

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
64010940	MASTER TL-D Secura 18W/840 1SL/25	0.360 A	18.2 W
64014740	MASTER TL-D Secura 36W/840 1SL/25	0.440 A	36.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
64018540	MASTER TL-D Secura 58W/840 1SL/25	0.670 A	59.4 W

## Approval and Application

# MASTER TL-D Secura

Order Code	Full Product Name	Energy Consumption kWh/1000 h
64010940	MASTER TL-D Secura 18W/840 1SL/25	19 kWh
64014740	MASTER TL-D Secura 36W/840 1SL/25	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
64018540	MASTER TL-D Secura 58W/840 1SL/25	60 kWh

