



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

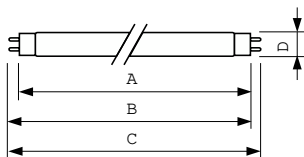
- For use where contamination resulting from lamp breakage must be prevented, e.g. in food preparation, health care, pharmaceuticals, cleanrooms etc.
- Suitable for use in environments with increased risk of breakage, e.g. sports halls
- Suitable for use in environments where UV emission should be reduced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

