



# MASTER TL-D Secura

## MASTER TL-D Secura 18W/840 SLV/25

This TL-D lamp has a protective coating that keeps glass and lamp components together in the event of accidental breakage. The lamp is easily identifiable by a blue ring at one end. Application areas are all places where glass shatters can disturb operations and can have an impact on product and people safety, e.g. the food and beverage industry. The lamp has a Teflon coating. It is compliant with HACCP regulations.

### 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.
- In order to ensure the integrity of the coating, it is strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

### Product data

General Information		Flux measurement reference	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		Sphere
Life To 10% Failures (Nom)	12000 h	<b>Light Technical</b>	
Life to 50% Failures (Nom)	15000 h	Color Code	840 [ CCT of 4000K]
Life to 50% Failures Preheat (Nom)	20000 h	Luminous Flux (Nom)	1300 lm
LSF 2000 h Rated	99 %	Luminous Flux (Rated) (Nom)	1300 lm
LSF 4000 h Rated	99 %	Color Designation	Cool White (CW)
LSF 6000 h Rated	99 %	Chromaticity Coordinate X (Nom)	0.38
LSF 8000 h Rated	99 %	Chromaticity Coordinate Y (Nom)	0.38
LSF 12000 h Rated	89 %	Correlated Color Temperature (Nom)	4000 K
LSF 16000 h Rated	33 %	Luminous Efficacy (rated) (Nom)	72 lm/W
LSF 20000 h Rated	2 %	Color Rendering Index (Nom)	80

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LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

## Operating and Electrical

Power (Nom)	18.2 W
Lamp Current (Nom)	0.360 A

## Temperature

Design Temperature (Nom)	25 °C
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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb Shape	T8 [ 26 mm (T8)]
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## Approval and Application

Energy Efficiency Class	G
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Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	19 kWh
EPREL Registration Number	423368

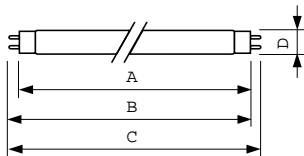
## UV

Damage Factor D/fc (Nom)	0.13
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## Product Data

Full product code	871150064010940
Order product name	MASTER TL-D Secura 18W/840 SLV/25
EAN/UPC - Product	8711500640109
Order code	927920484076
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927920484076
Net Weight (Piece)	84.000 g
ILCOS Code	FD-18/40/1B-E-G13

## Dimensional drawing

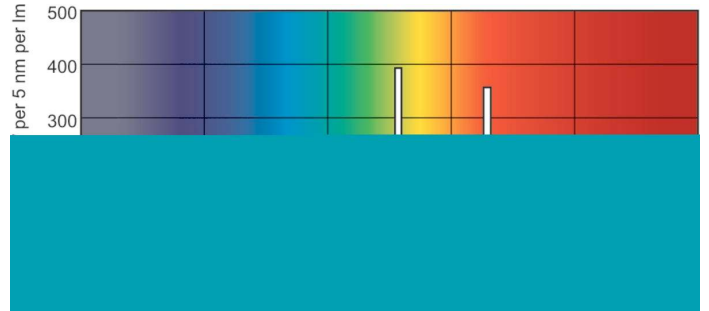
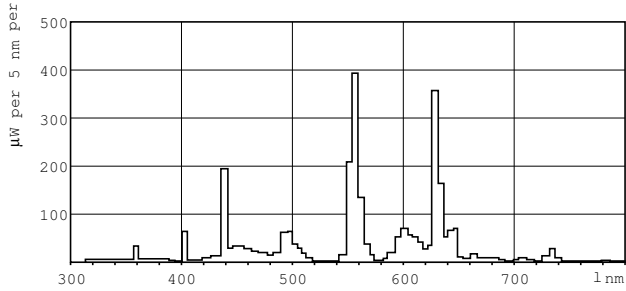


Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Secura 18W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

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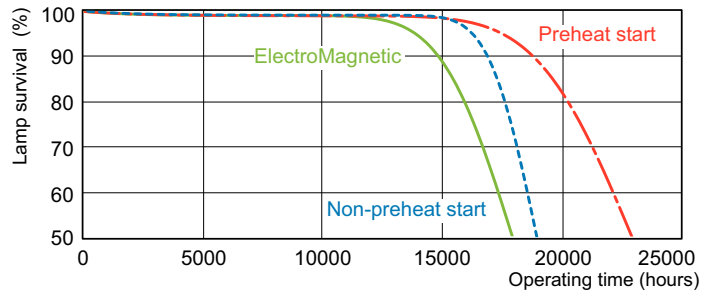
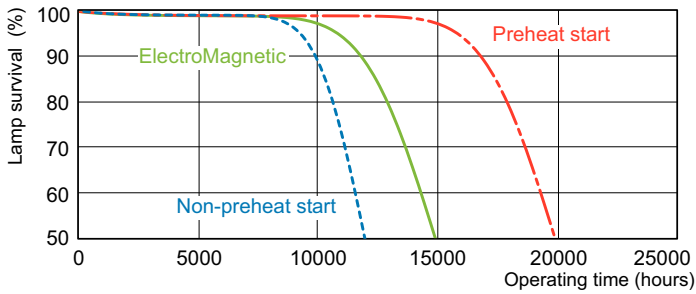
## Photometric data



LDPB\_TL-D8SE\_Secura\_840-Spectral power distribution B/W

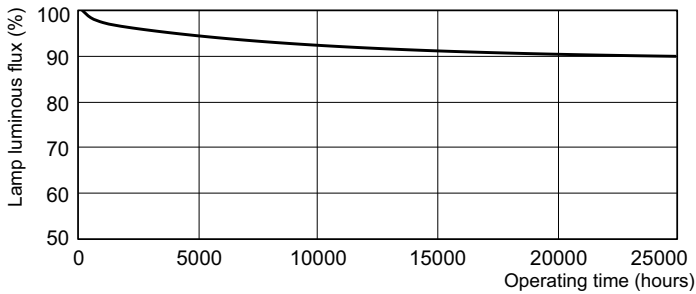
LDPO\_TL-D8SE\_Secura\_840-Spectral power distribution Colour

## Lifetime



LDLE\_TL-D8SE\_0001-Life expectancy diagram

LDLE\_TL-D8SE\_0002-Life expectancy diagram



LDLM\_TL-D8SE\_0001-Lumen maintenance diagram

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