

MASTER TL-D Secura

MASTER TL-D Secura 18W/840 1SL/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 blue rings 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 Surlyn coating which blocks UV light. It is compliant with HACCP regulations.

Product data

• General Information

Cap base	G13 [Medium Bi-Pin Fluorescent]
Bulb shape	T8 [26 mm (T8)]
Life to 10% failures (nom.)	12000 h
Life to 50% failures (nom.)	15000 h
Life to 50% failures preheat (nom.)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 20000 h Rated	2 %

• Light Technical

Colour code	841 [CCT of 4100K (841)]
Luminous flux (nom.)	1300 lm
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Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	383
Chromaticity coordinate Y (nom.)	386
Correlated colour temperature (nom.)	4100 K
Luminous efficacy (rated) (nom.)	72 lm/W
Color rendering index (nom.)	85
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 (Rated) (Nom)	18 W
Lamp current (nom.)	0.360 A

• Temperature

Design temperature (nom.)	25 °C

• Controls and Dimming

Dimmable	Yes

• Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.0 mg
Energy Consumption kWh/1000 h	22 kWh

• UV

Damage factor D/fc (nom.)	0.13

• Product Data

Full product code	871150064010940

PHILIPS

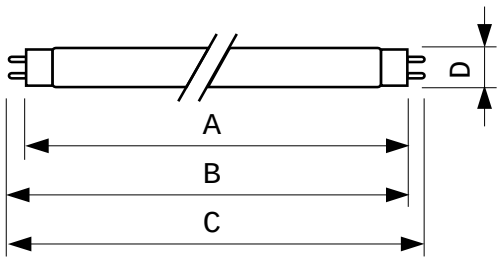
MASTER TL-D Secura

Order product name	MASTER TL-D Secura 18W/840 SLV/25
EAN/UPC – product	8711500640109
Order code	64010940
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	927920484076
Net weight (piece)	100.300 g
ILCOS Code	FD-18/40/1B-E-G13

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.

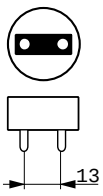
Dimensional drawing



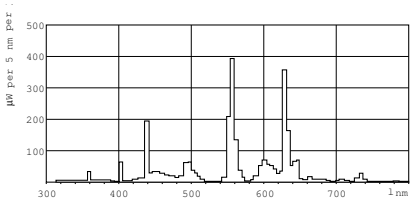
TL-D 18W/840 Secura

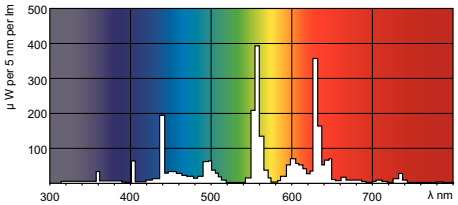
Product	D	A	B	B	C
MASTER TL-D Secura 18W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

G13, T8



Photometric data





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2016, October 11
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