

MASTER TL-D Super 80

MASTER TL-D Super 80 18W/827 1SL/25

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

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

Luminous flux (nom.)	1350 lm
Luminous flux (rated) (nom.)	1350 lm
Colour designation	Incandescent White
Chromaticity coordinate X (nom.)	463
Chromaticity coordinate Y (nom.)	420
Correlated colour temperature (nom.)	2700 K
Luminous efficacy (rated) (nom.)	75 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)	18.0 W
Lamp current (nom.)	0.360 A

• Temperature

Design temperature (nom.)	25 °C

• Controls and Dimming

Dimmable	yes

• Mechanical and Housing

Cap base information	Green Plate

• Approval and Application

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

• Product Data

Full product code	871150063162640
Order product name	MASTER TL-D Super 80 18W/827 1SL/25

PHILIPS

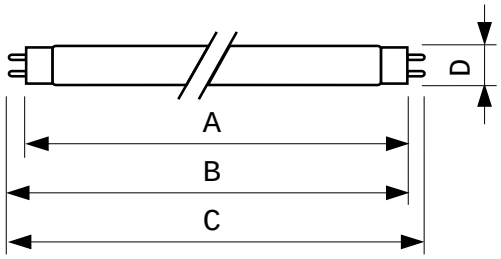
MASTER TL-D Super 80

EAN/UPC – product	8711500631626
Order code	63162640
Local Code	18827
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	927920082723
Net weight (piece)	68.900 g
ILCOS Code	FD-18/27/1B-E-G13

Warnings and Safety

- 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.

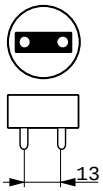
Dimensional drawing



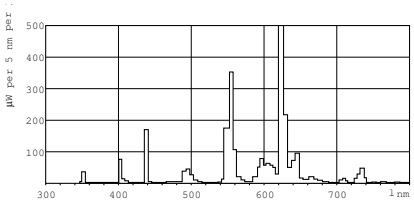
TL-D 18W/827

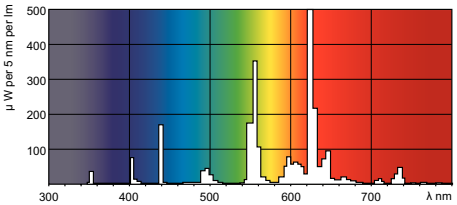
Product	D	A	B	B	C
MASTER TL-D Super 80 18W/827 1SL/25	596.9 mm	594.5 mm	604 mm		

G13, T8



Photometric data





© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, October 10
data subject to change