



MASTER TL-D Super 80

MASTER TL-D Super 80 23W/865 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

Colour Code	865 [CCT of 6500K]
Luminous Flux (Nom)	1900 lm
Luminous Flux (Rated) (Nom)	1900 lm
Colour Designation	Cool Daylight
Chromaticity	313
Coordinate X (Nom)	
Chromaticity	338
Coordinate Y (Nom)	
Colour Temperature, horizontal (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %

LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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)	23.0 W
Lamp Current (Nom)	0.295 A
Voltage (Nom)	95 V

• Temperature

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

Dimmable	Yes
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• Approval and Application

Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	28 kWh

• Product Data

Full product code	872790091737600
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PHILIPS

MASTER TL-D Super 80

Order product name MASTER TL-D Super 80 23W/865
1SL/25
EAN/UPC - Product 8727900917376
Order code 91737600
Numerator - 1
Quantity Per Pack

Numerator - Packs 25
per outer box
Material Nr. (12NC) 927922586514
Net Weight (Piece) 120.000 g
ILCOS Code FD-23/65/1B-E-G13

Warnings and Safety

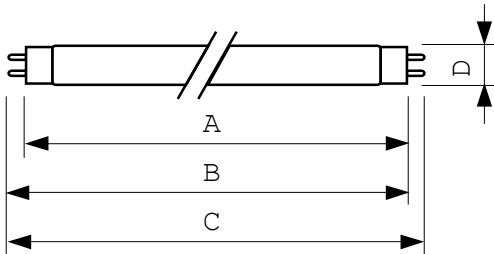
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

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.

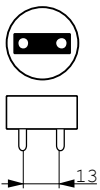
Dimensional drawing

TL-D 23W/865

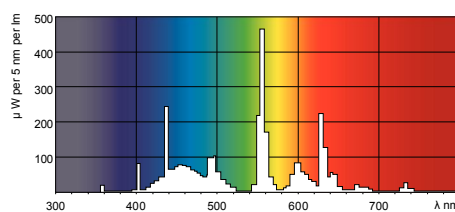
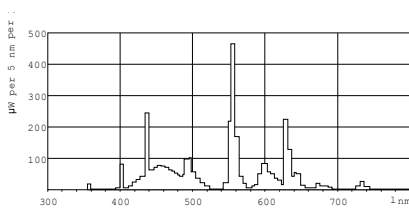
Product	D	A	B	B	C
MASTER TL-D Super 80 23W/865 1SL/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm



G13, T8



Photometric data



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