PHILIPS

Lighting



MASTER TL-D Super 80

MASTER TL-D Super 80 36W/840 1SL/25

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
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	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	3350 lm
Luminous Flux (Rated) (Nom)	3350 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color Rendering Index (Nom)	>80

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)	36.0 W
Lamp Current (Nom)	0.440 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

MASTER TL-D Super 80

Energy Consumption kWh/1000 h	42 kWh

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927921084023
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/40/1B-E-G13

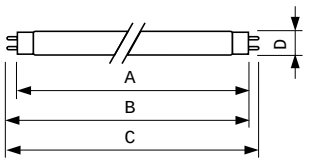
Product Data

Full product code	871150063201240
Order product name	MASTER TL-D Super 80 36W/840 1SL/25
EAN/UPC - Product	8711500632012
Order code	927921084023

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.

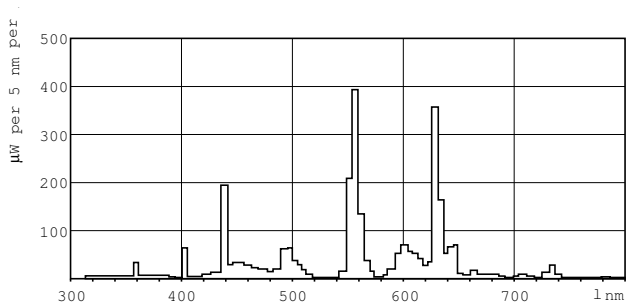
Dimensional drawing



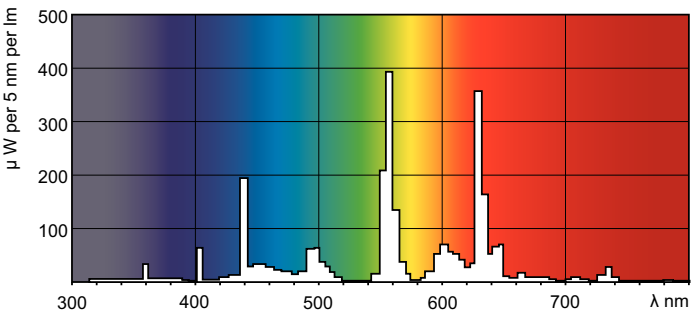
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 36W/840 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D 36W/840

Photometric data



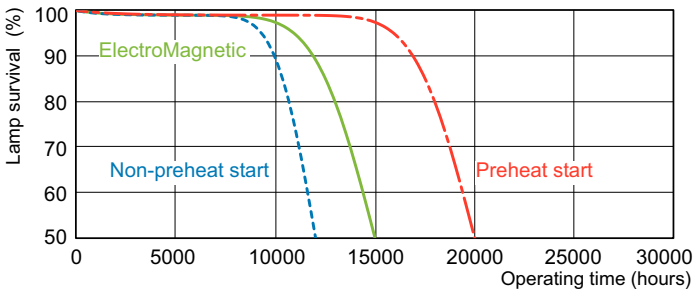
Lightcolor /840



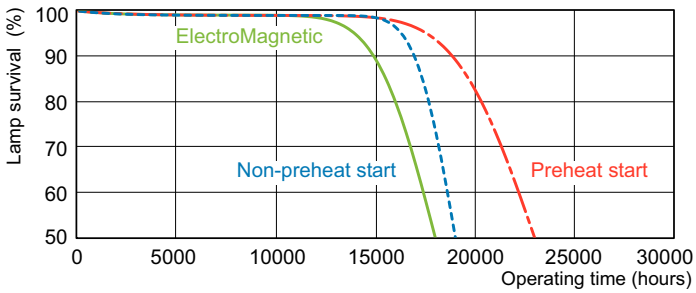
Lightcolor /840

MASTER TL-D Super 80

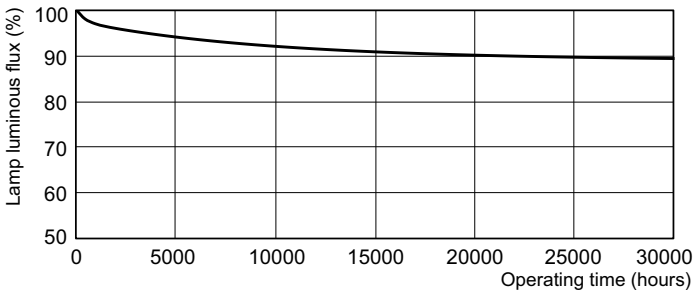
Lifetime



MASTER TL-D Super 80 Life Expectancy 3 h cycle



MASTER TL-D Super 80 Life Expectancy 12 h cycle



MASTER TL-D Super 80 Lumen Maintenance 3 h + 12 h cycle

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