



MASTER TL-D HF Super 80

MASTER TL-D HF Super 80 50W/830 SLV/25

The MASTER TL-D HF 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 is designed to be operated on special high-frequency electronic ballasts. It is not for general use.

Product data

General Information		LLMF 4000 h Rated		95 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF 6000 h Rated	94 %		
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 8000 h Rated	93 %		
System Description	High Frequency	LLMF 12000 h Rated	92 %		
LSF Preheat 2000 h Rated	99 %	LLMF 16000 h Rated	91 %		
LSF Preheat 4000 h Rated	99 %	LLMF 20000 h Rated	90 %		
LSF Preheat 6000 h Rated	99 %	Operating and Electrical			
LSF Preheat 8000 h Rated	99 %	Power (Rated) (Nom)	50.0 W		
LSF Preheat 16000 h Rated	95 %	Lamp Current (Nom)	0.355 A		
LSF Preheat 20000 h Rated	50 %	Temperature			
Light Technical		Design Temperature (Nom)	25 °C		
Color Code	830 [CCT of 3000K]	Controls and Dimming			
Luminous Flux (Nom)	5000 lm	Dimmable	Yes		
Luminous Flux (Rated) (Nom)	5000 lm	Approval and Application			
Color Designation	Warm White (WW)	Energy Efficiency Label (EEL)	A+		
Correlated Color Temperature (Nom)	3000 K	Mercury (Hg) Content (Nom)	2.0 mg		
Luminous Efficacy (rated) (Nom)	100 lm/W				
Color Rendering Index (Nom)	>80				
LLMF 2000 h Rated	96 %				

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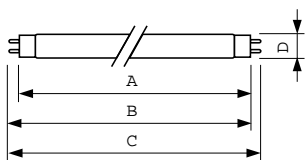
Energy Consumption kWh/1000 h	58 kWh
Product Data	
Full product code	871150063156540
Order product name	MASTER TL-D HF Super 80 50W/830 SLV/25
EAN/UPC - Product	8711500631565
Order code	927925083014

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927925083014
Net Weight (Piece)	167.000 g
ILCOS Code	FDH-50/30/1B-L/P-G13-26/1500

Warnings and Safety

- Special electronic gear must be used
- 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.

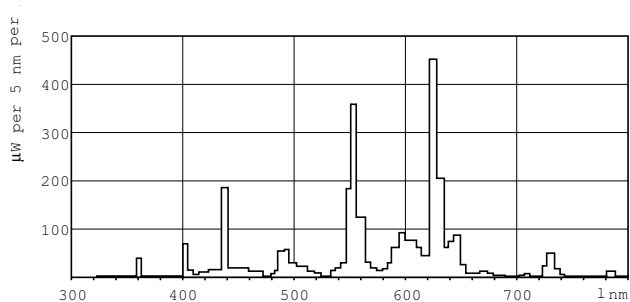
Dimensional drawing



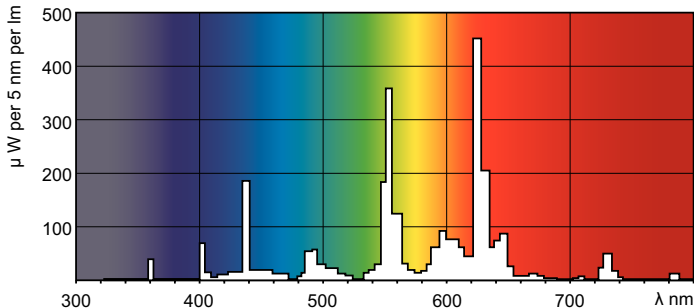
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D HF Super 80 50W/830 SLV/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

TL-D HF 50W/830

Photometric data



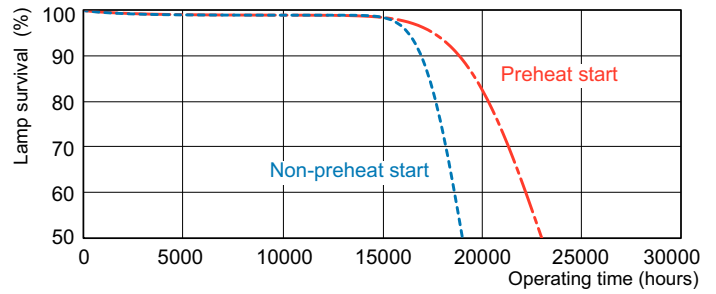
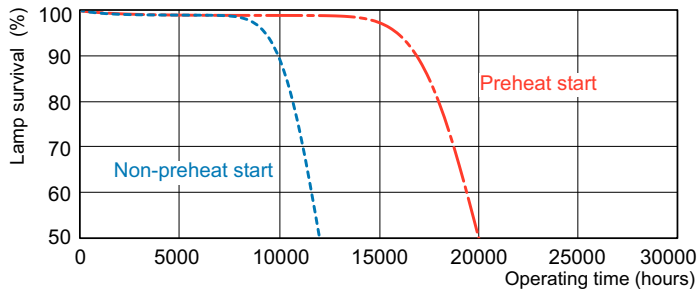
Lightcolor /830



Lightcolor /830

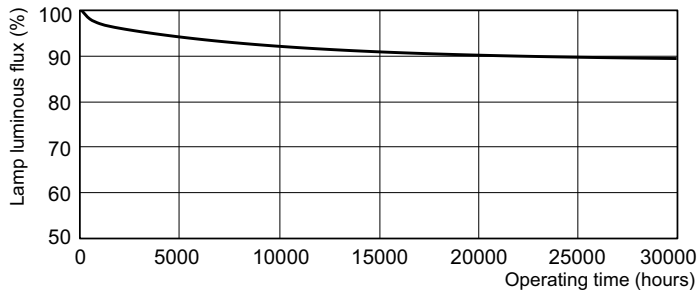
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Lifetime



MASTER TL-D HF Super 80 Life Expectancy 3 h cycle

MASTER TL-D HF Super 80 Life Expectancy 12 h cycle



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

