



# MASTER TL-D 90 Graphica



## MASTER TL-D 90 Graphica 18W/952 1SL/10

This TL-D lamp has excellent color rendering which makes it very suitable for the graphical and printing industry to check the quality of printed material.

### 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.

### Product data

General Information		Colour designation	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Colour designation	Daylight
Life to 10% failures (nom.)	6000 h	Chromaticity coordinate X (nom.)	0.34
Life to 50% failures (nom.)	8000 h	Chromaticity coordinate Y (nom.)	0.351
Life to 50% failures preheat (nom.)	10000 h	Correlated Colour Temperature (Nom)	5200 K
LSF 2000 h Rated	99 %	Luminous efficacy (rated) (nom.)	52.8 lm/W
LSF 4000 h Rated	99 %	Colour rendering index (nom.)	95
LSF 6000 h Rated	99 %	LLMF 2000 h Rated	93 %
LSF 8000 h Rated	99 %	LLMF 4000 h Rated	90 %
LSF 12000 h Rated	89 %	LLMF 6000 h Rated	88 %
LSF 16000 h Rated	33 %	LLMF 8000 h Rated	85 %
LSF 20000 h Rated	2 %	LLMF 12000 h Rated	82 %
	Sphere	LLMF 16000 h Rated	80 %
		LLMF 20000 h Rated	78 %
Light Technical		Operating and Electrical	
Colour Code	950 [ CCT of 5,000 K]	Power (Rated) (Nom)	18.4 W
Luminous flux (nom.)	960 lm	Lamp current (nom.)	0.360 A
Luminous flux (rated) (nom.)	990 lm		

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Temperature	
Design temperature (nom.)	25 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T8 [ 26 mm (T8)]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	2 mg
Mercury (Hg) content (nom.)	2 mg
Energy consumption kWh/1,000 hours	19 kWh

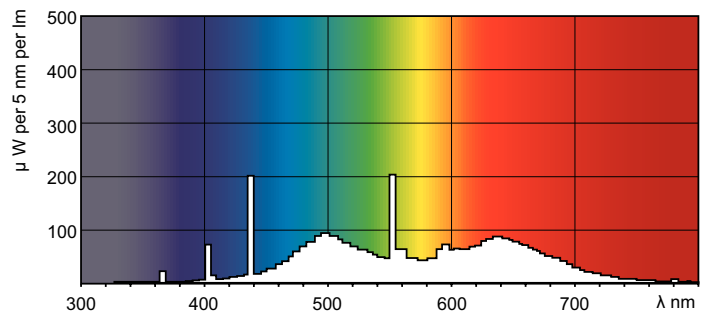
	423522
Product Data	
Full product code	871150088850125
Order product name	MASTER TL-D 90 Graphica 18W/952 SLV/10
EAN/UPC – product	8711500888501
Order code	88850125
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	928043795081
SAP net weight (piece)	71.000 g
ILCOS code	FD-18/53/1A-E-G13

## Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 Graphica 18W/952 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D Graphica 18W/950

## Photometric data

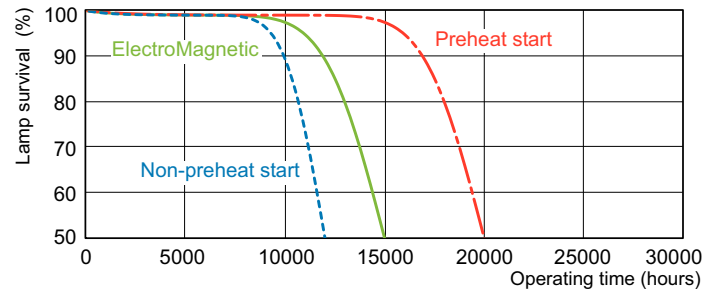
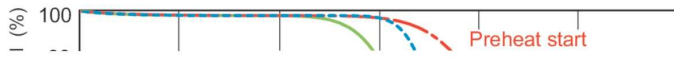


LDPB\_TL-D9HCR\_950-Spectral power distribution B/W

Lightcolour TL-D Graphica /950

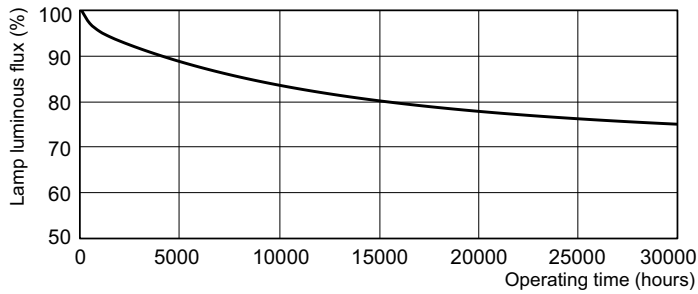
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## Lifetime



LDLE\_TL-D9HCR\_0002-Life expectancy diagram

LDLE\_TL-D9HCR\_0001-Life expectancy diagram



LDLM\_TL-D9HCR\_0001-Lumen maintenance diagram

