



MASTER TL-D 90 Graphica



MASTER TL-D 90 Graphica 18W/950 1SL/10

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

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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Life to 10% failures (nom.)	6000 h
Life to 50% failures (nom.)	8000 h
Life to 50% failures preheat (nom.)	10000 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 %
	Sphere

Light Technical	
Colour Code	950 [CCT of 5,000 K]
Luminous flux (nom.)	960 lm
Luminous flux (rated) (nom.)	990 lm
Colour designation	Daylight

Chromaticity coordinate X (nom.)	0.34
Chromaticity coordinate Y (nom.)	0.351
Correlated Colour Temperature (Nom)	5200 K
Luminous efficacy (rated) (nom.)	52.8 lm/W
Colour rendering index (nom.)	95
LLMF 2000 h Rated	93 %
LLMF 4000 h Rated	90 %
LLMF 6000 h Rated	88 %
LLMF 8000 h Rated	85 %
LLMF 12000 h Rated	82 %
LLMF 16000 h Rated	80 %
LLMF 20000 h Rated	78 %

Operating and Electrical

Power (Rated) (Nom)	18.4 W
Lamp current (nom.)	0.360 A

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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

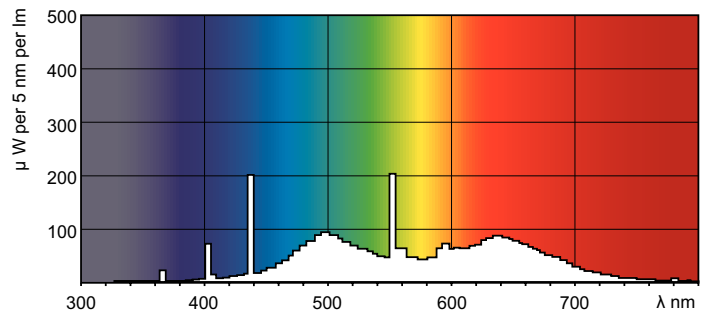
Product Data	
Full product code	871150088850125
Order product name	MASTER TL-D 90 Graphica 18W/950 SLV/10
EAN/UPC – product	8711500888501
Order code	88850125
Local order code	18950GP
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	928043795081
SAP net weight (piece)	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/950 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D Graphica 18W/950

Photometric data



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

