



MASTER TL-D 90 Graphica

MASTER TL-D 90 Graphica 58W/965 SLV/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		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Chromaticity Coordinate X (Nom)	311
Life To 10% Failures (Nom)	6000 h	Chromaticity Coordinate Y (Nom)	324
Life to 50% Failures (Nom)	8000 h	Correlated Color Temperature (Nom)	6500 K
Life to 50% Failures Preheat (Nom)	10000 h	Luminous Efficacy (rated) (Nom)	57.3 lm/W
LSF 2000 h Rated	99 %	Color Rendering Index (Nom)	98
LSF 4000 h Rated	99 %	LLMF 2000 h Rated	93 %
LSF 6000 h Rated	99 %	LLMF 4000 h Rated	90 %
LSF 8000 h Rated	99 %	LLMF 6000 h Rated	88 %
LSF 12000 h Rated	89 %	LLMF 8000 h Rated	85 %
LSF 16000 h Rated	33 %	LLMF 12000 h Rated	82 %
LSF 20000 h Rated	2 %	LLMF 16000 h Rated	80 %
		LLMF 20000 h Rated	78 %
Light Technical			
Color Code	965 [CCT of 6500K]	Power (Nom)	58.5 W
Luminous Flux (Nom)	3350 lm	Lamp Current (Nom)	0.670 A
Luminous Flux (Rated) (Nom)	3350 lm		
Color Designation	Cool Daylight		

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Temperature	
Design Temperature (Nom)	25 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	2 mg
Energy Consumption kWh/1000 h	69 kWh
Product Data	
Full product code	871150088877825

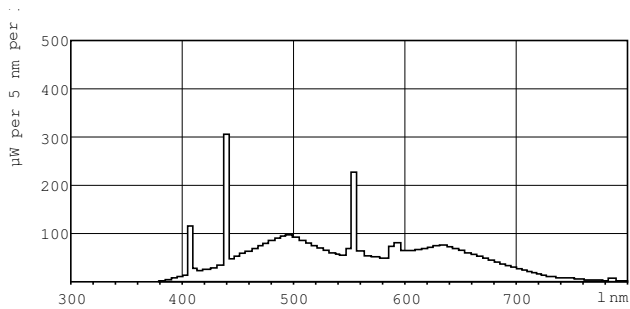
Order product name	MASTER TL-D 90 Graphica 58W/965 SLV/10
EAN/UPC - Product	8711500888778
Order code	928045296581
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	928045296581
Net Weight (Piece)	167.000 g
ILCOS Code	FD-58/65/1A-E-G13

Dimensional drawing

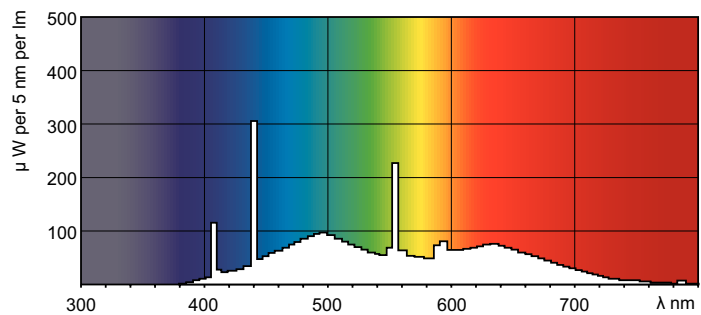
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
Graphica 58W/965					
SLV/10					

TL-D Graphica 58W/965

Photometric data



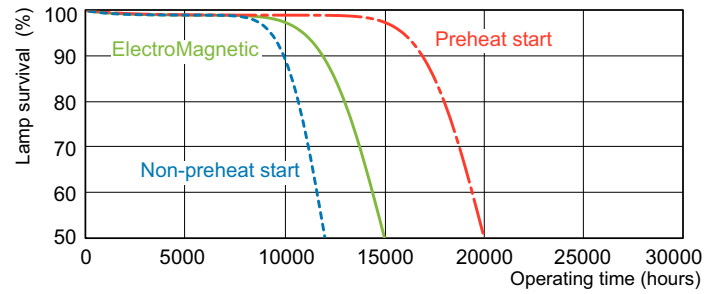
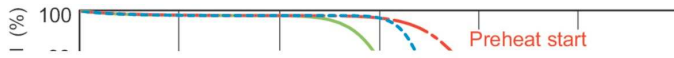
LDPB_TL-D9HCR_965-Spectral power distribution B/W



LDPO_TL-D9HCR_965-Spectral power distribution Colour

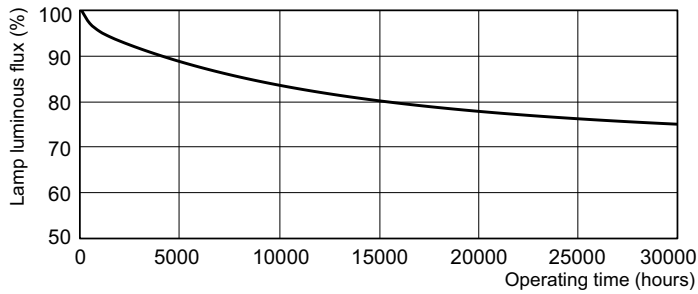
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Lifetime



LDLE_TL-D9HCR_0002-Life expectancy diagram

LDLE_TL-D9HCR_0001-Life expectancy diagram



LDLM_TL-D9HCR_0001-Lumen maintenance diagram

