



MASTER TL-D 90 Graphica

MASTER TL-D 90 Graphica 36W/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.

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 %

Light Technical	
Color Code	965 [CCT of 6500K]
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Color Designation	Cool Daylight
Chromaticity Coordinate X (Nom)	310
Chromaticity Coordinate Y (Nom)	323
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	58.3 lm/W

Color Rendering Index (Nom)	98
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)	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)	B
Mercury (Hg) Content (Nom)	2 mg

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Energy Consumption kWh/1000 h	43 kWh
Product Data	
Full product code	871150088836525
Order product name	MASTER TL-D 90 Graphica 36W/965 SLV/10
EAN/UPC - Product	8711500888365
Order code	928044796581

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	928044796581
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/65/1A-E-G13

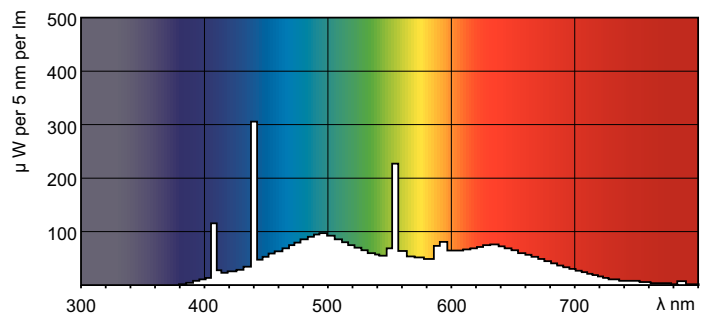
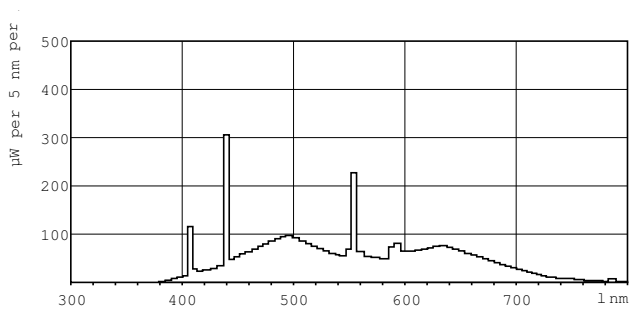
Warnings and Safety

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
Graphica 36W/965					
SLV/10					

TL-D Graphica 36W/965

Photometric data



Lightcolor TL-D Graphica /965

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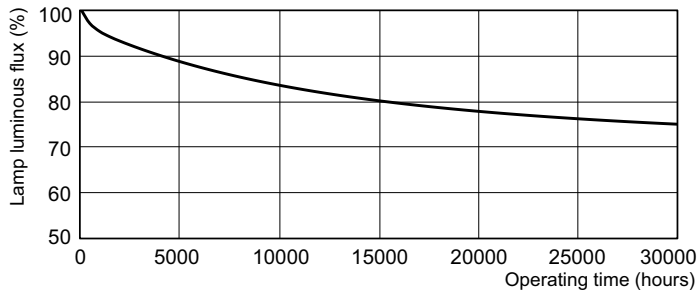
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Lifetime



MASTER TL-D 90 Graphica Life Expectancy 12 h cycle

MASTER TL-D 90 Graphica Life Expectancy 3 h cycle



MASTER TL-D 90 Graphica Lumen Maintenance 3 h + 12 h cycle

