



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.

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)	0.313
Life To 10% Failures (Nom)	6000 h	Chromaticity Coordinate Y (Nom)	0.337
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)	57.1 lm/W
LSF 2000 h Rated	99 %	Color Rendering Index (Nom)	97
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 %
Flux measurement reference	Sphere	LLMF 20000 h Rated	78 %
Light technical		Power (Nom)	36.8 W
Color Code	965 [CCT of 6500K]	Lamp Current (Nom)	0.440 A
Luminous Flux (Nom)	2100 lm		
Color Designation	Cool Daylight		

MASTER TL-D 90 Graphica

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 (Nom) 1.7 mg

Energy Consumption kWh/1000 h 37 kWh

EPREL Registration Number 423528

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

Local code description 8343983

Numerator - Packs per outer box 10

Material Nr. (12NC) 928044796581

Net Weight (Piece) 135.000 g

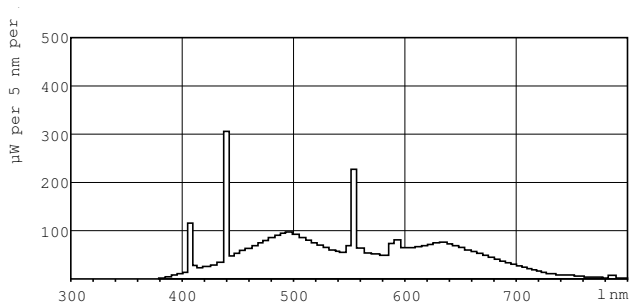
ILCOS Code FD-36/65/1A-E-G13

Dimensional drawing

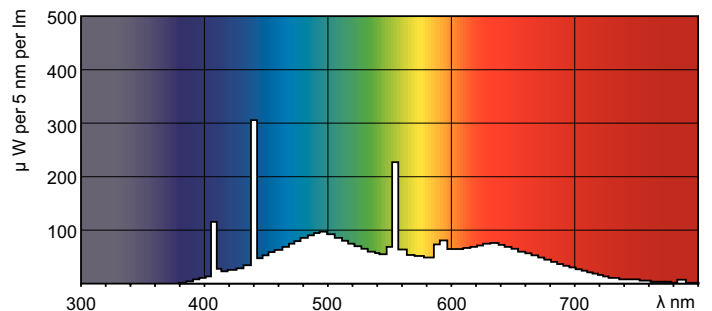
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 Graphica 36W/965 SLV/10	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

MASTER TL-D 90 Graphica 36W/965 SLV/10

Photometric data



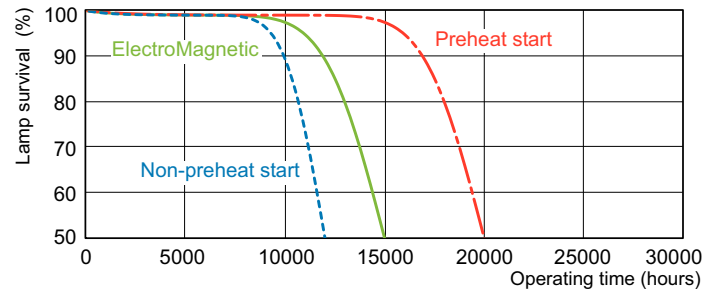
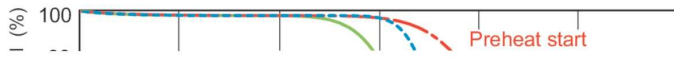
LDPB_TL-D9HCR_965-Spectral power distribution B/W



LDPO_TL-D9HCR_965-Spectral power distribution Colour

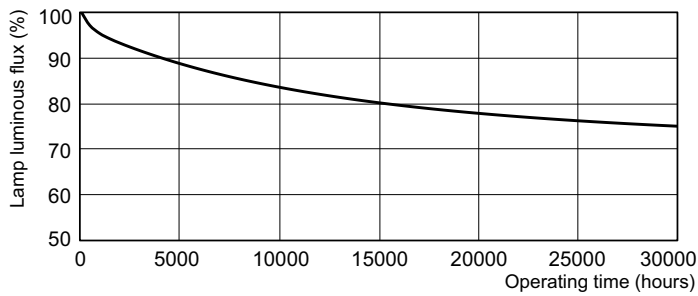
MASTER TL-D 90 Graphica

Lifetime



LDLE_TL-D9HCR_0002-Life expectancy diagram

LDLE_TL-D9HCR_0001-Life expectancy diagram



LDLM_TL-D9HCR_0001-Lumen maintenance diagram

