



# MASTER TL-D 90 Graphica



## MASTER TL-D 90 Graphica 36W/965 SLV/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	965 [ CCT of 6,500 K]
Lamp Luminous Flux 25°C EL (Nom)	2100 lm
Lamp Luminous Flux (Nom)	2100 lm
Colour Designation	Cool Daylight

Chromaticity coordinate X (nom.)	0.313
Chromaticity coordinate Y (nom.)	0.337
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	58.3 lm/W
Colour Rendering Index,horiz (Nom)	97
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)	36.8 W
Lamp current (nom.)	0.440 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 37 kWh  
423528

## Product Data

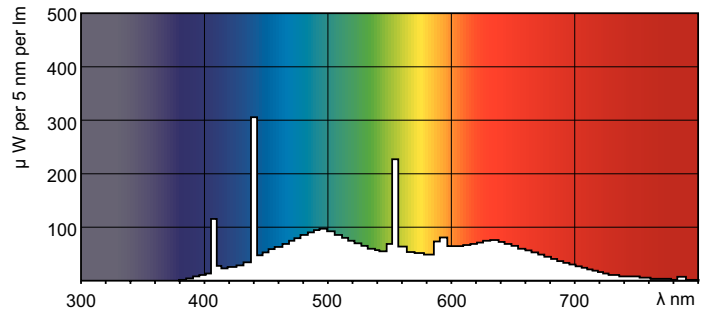
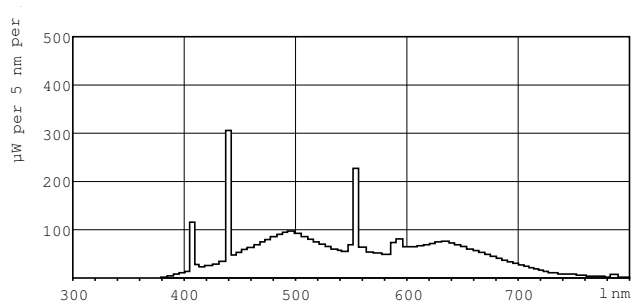
Full product code	871150088836525
Order product name	MASTER TL-D 90 Graphica 36W/965 SLV/10
EAN/UPC – product	8711500888365
Order code	928044796581
Local order code	TLD9036W965
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	928044796581
SAP net weight (piece)	135.000 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

## TL-D Graphica 36W/965

## Photometric data

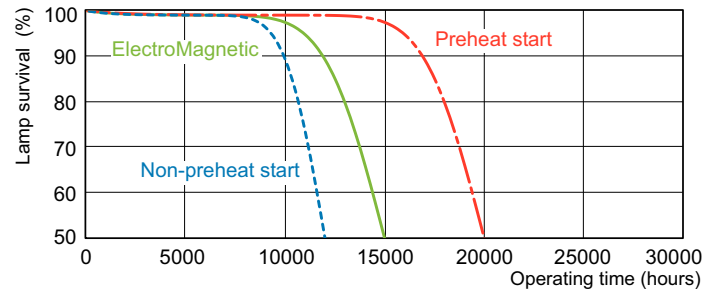
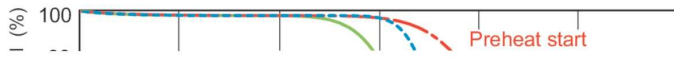


## Lightcolour TL-D Graphica /965

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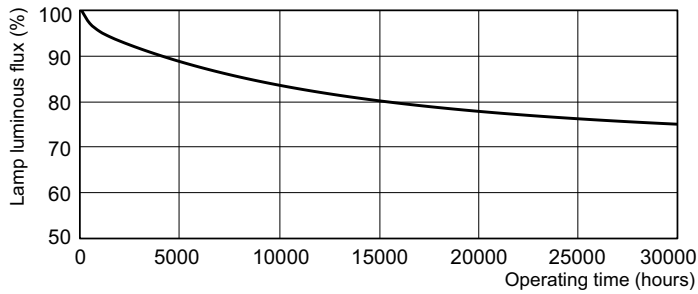
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## Lifetime



LDLE\_TL-D9HCR\_0002-Life expectancy diagram

LDLE\_TL-D9HCR\_0001-Life expectancy diagram



LDLM\_TL-D9HCR\_0001-Lumen maintenance diagram

