



# MASTER TL-D 90 De Luxe

## MASTER TL-D 90 De Luxe 36W/940 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.)	12000 h
Life to 50% failures (nom.)	15000 h
Life to 50% failures preheat (nom.)	20000 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	
Colour Code	940 [ CCT of 4,000 K]
Luminous flux (nom.)	2800 lm
Luminous flux (rated) (nom.)	2800 lm
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	381

Chromaticity coordinate Y (nom.)	379
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	77.8 lm/W
Colour rendering index (nom.)	91
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

Operating and Electrical	
Power (Rated) (Nom)	36.0 W
Lamp current (nom.)	0.440 A

Temperature	
Design temperature (nom.)	25 °C

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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Bulb shape	T8 [ 26 mm (T8)]
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## Approval and Application

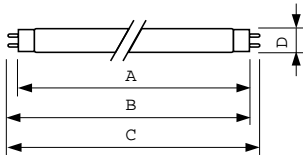
Mercury (Hg) content (nom.)	2 mg
Energy consumption kWh/1,000 hours	43 kWh

## Product Data

Full product code	871150088858725
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Order product name	MASTER TL-D 90 De Luxe 36W/940 SLV/10
EAN/UPC – product	8711500888587
Order code	88858725
Local order code	36940DLP
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	928044594081
SAP net weight (piece)	135.000 g
ILCOS code	FD-36/38/1A-E-G13

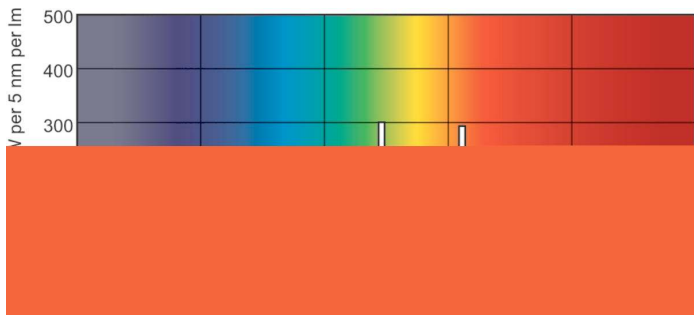
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 De Luxe 36W/940 SLV/10	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D De Luxe 36W/940

## Photometric data



Lightcolour TL-D de Luxe /940

Lightcolour TL-D de Luxe /940

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## Lifetime



LDLE\_TL-D9Hm\_0002-Life expectancy diagram

LDLE\_TL-D9Hm\_0001-Life expectancy diagram



LDLM\_TL-D9Hm\_0001-Lumen maintenance diagram

