



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 36W/940 1SL/10

This TL-D lamp makes colors appear rich, deep and enhanced in a natural way. Thus very suitable for applications where a high color recognition is needed: first aid and treatment rooms in hospitals, printing rooms, jewelry, dentists, hairdressing, museums and shops

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		Luminous flux (rated) (nom.)	
Cap base	G13 [Medium Bi-Pin Fluorescent]		2800 lm
Life to 10% failures (nom.)	12000 h	Colour designation	Cool White (CW)
Life to 50% failures (nom.)	15000 h	Chromaticity coordinate X (nom.)	381
Life to 50% failures preheat (nom.)	20000 h	Chromaticity coordinate Y (nom.)	379
LSF 2000 h Rated	99 %	Correlated Colour Temperature (Nom)	4000 K
LSF 4000 h Rated	99 %	Luminous efficacy (rated) (nom.)	77.8 lm/W
LSF 6000 h Rated	99 %	Colour rendering index (nom.)	91
LSF 8000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 12000 h Rated	89 %	LLMF 4000 h Rated	95 %
LSF 16000 h Rated	33 %	LLMF 6000 h Rated	94 %
LSF 20000 h Rated	2 %	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical			
Colour Code	940 [CCT of 4,000 K]		
Luminous flux (nom.)	2800 lm		

MASTER TL-D 90 De Luxe

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
----------	-----

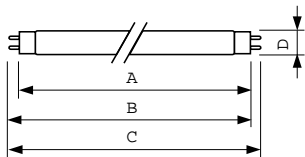
Approval and Application

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

Product Data

Full product code	871150088858725
Order product name	MASTER TL-D 90 De Luxe 36W/940 SLV/10
EAN/UPC – product	8711500888587
Order code	88858725
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

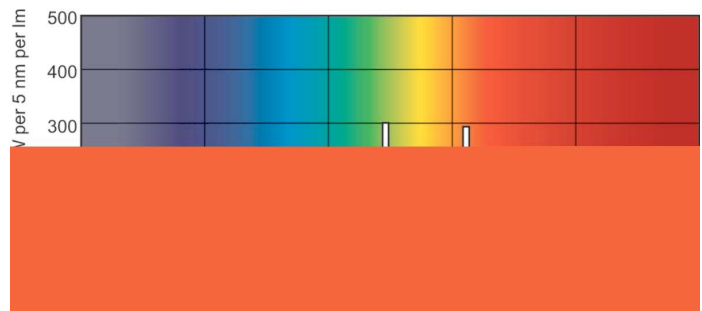
Dimensional drawing



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

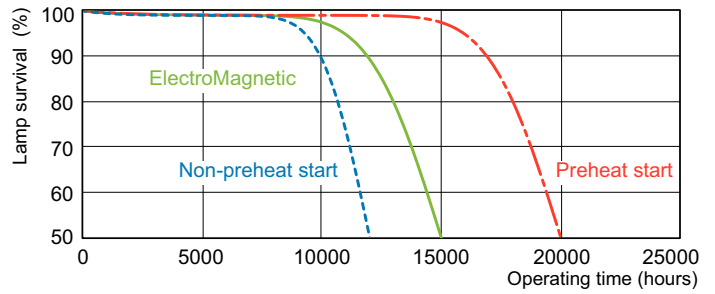
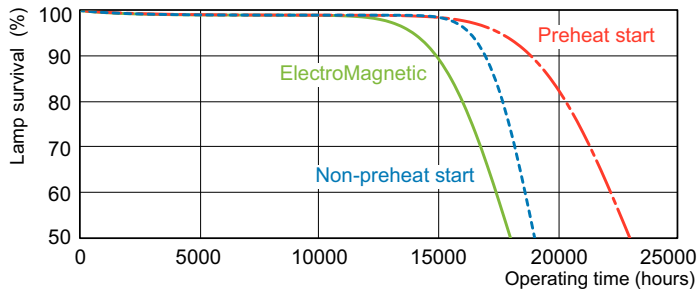


LDPB_TL-D9Hlm_940-Spectral power distribution B/W

Lightcolour TL-D de Luxe /940

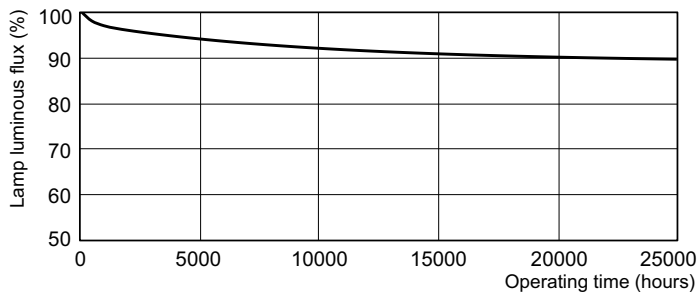
MASTER TL-D 90 De Luxe

Lifetime



LDLE_TL-D9Hm_0002-Life expectancy diagram

LDLE_TL-D9Hm_0001-Life expectancy diagram



LDLM_TL-D9Hm_0001-Lumen maintenance diagram

