



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 36W/940 SLV/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

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	
Color Code	940 [CCT of 4000K]
Luminous Flux (Nom)	2800 lm
Luminous Flux (Rated) (Nom)	2800 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	381
Chromaticity Coordinate Y (Nom)	379

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	77.8 lm/W
Color 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 (Nom)	36.0 W
Lamp Current (Nom)	0.440 A
Temperature	
Design Temperature (Nom)	25 °C

MASTER TL-D 90 De Luxe

Controls and Dimming

Dimmable Yes

Approval and Application

Energy Efficiency Label (EEL) A
 Mercury (Hg) Content (Nom) 2 mg
 Energy Consumption kWh/1000 h 43 kWh

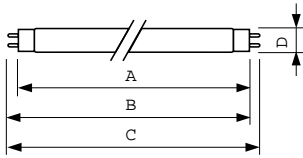
Product Data

Full product code 871150088858725

Order product name	MASTER TL-D 90 De Luxe 36W/940 SLV/10
EAN/UPC - Product	8711500888587
Order code	928044594081
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	928044594081
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/38/1A-E-G13

Warnings and Safety

Dimensional drawing

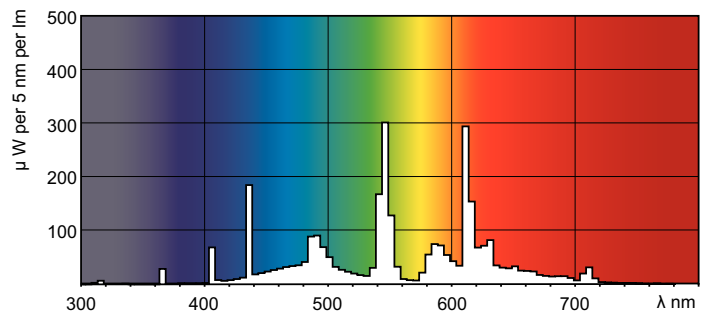
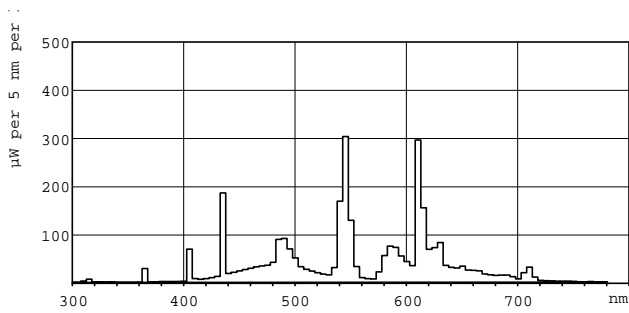


Product

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

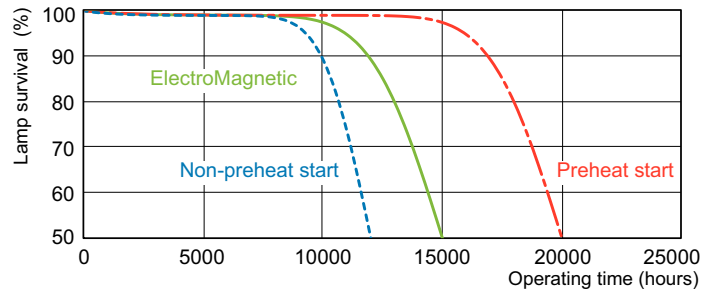
TL-D De Luxe 36W/940

Photometric data

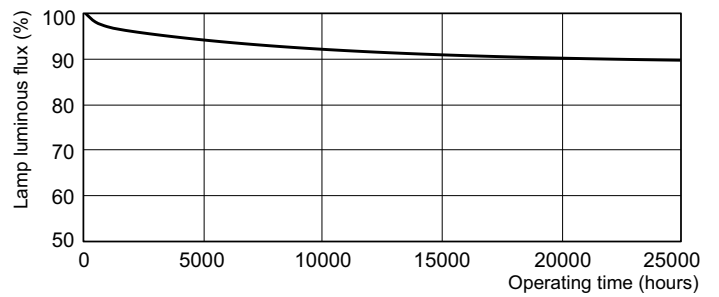


MASTER TL-D 90 De Luxe

Lifetime



LDLE_TL-D9HLM_0002-Life expectancy diagram



LDLM_TL-D9HLM_0001-Lumen maintenance diagram

