



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 36W/965 1SL/10

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

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	965 [CCT of 6,500 K]
Luminous flux (nom.)	2800 lm
Luminous flux (rated) (nom.)	2800 lm
Colour designation	Cool Daylight
Chromaticity coordinate X (nom.)	309
Chromaticity coordinate Y (nom.)	322
Correlated colour temperature (nom.)	6500 K
Luminous efficacy (rated) (nom.)	77.8 lm/W
Color rendering index (nom.)	93

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

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

MASTER TL-D 90 De Luxe

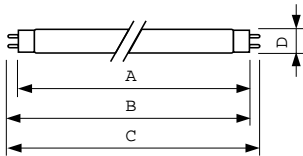
Product Data

Full product code	871150088862425
Order product name	MASTER TL-D 90 De Luxe 36W/965 SLV/10
EAN/UPC – product	8711500888624
Order code	88862425
Local Code	36965DLP
Numerator – quantity per pack	1

Numerator – packs per outer box	10
Material no. (12NC)	928044596581
Net weight (piece)	135.000 g
ILCOS Code	FD-36/65/1A-E-G13

Warnings and Safety

Dimensional drawing

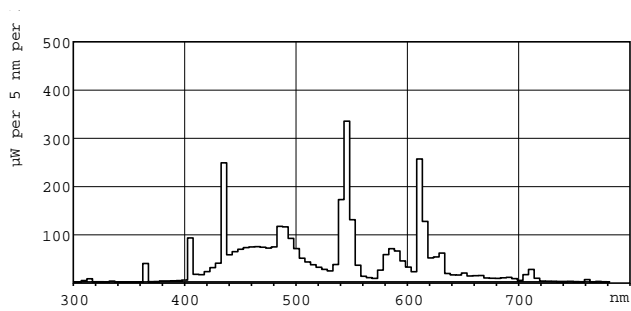


Product

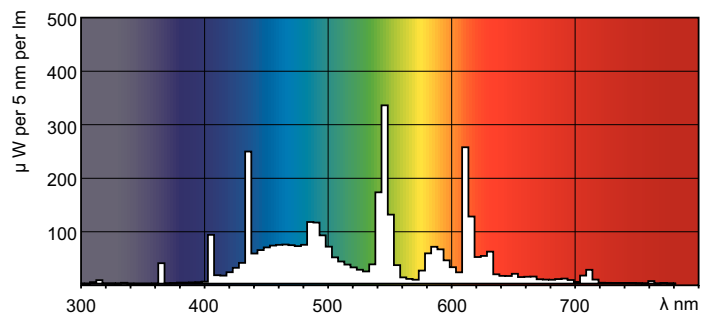
MASTER TL-D 90 De Luxe 36W/965 SLV/10

TL-D De Luxe 36W/965

Photometric data



Lightcolour TL-D de Luxe /965



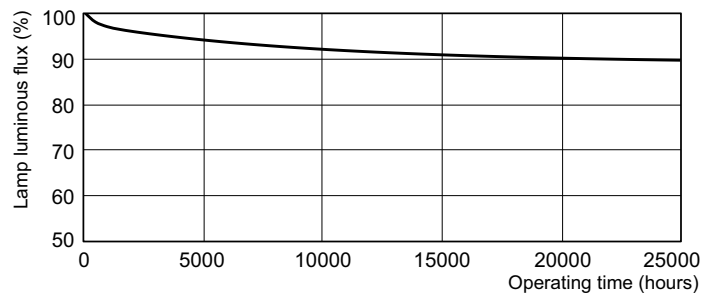
Lightcolour TL-D de Luxe /965

MASTER TL-D 90 De Luxe

Lifetime



LDLE_TL-D9HLM_0002-Life expectancy diagram



LDLM_TL-D9HLM_0001-Lumen maintenance diagram

