



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

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	965 [CCT of 6500K]
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
Colour Temperature, horizontal (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	77.8 lm/W
Colour Rendering Index horiz (Nom)	93
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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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Approval and Application

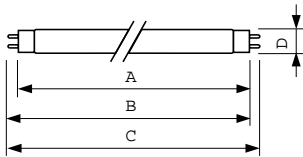
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	2 mg
Energy Consumption kWh/1000 h	43 kWh

Product Data

Full product code	871150088862425
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Order product name	MASTER TL-D 90 De Luxe 36W/965 SLV/10
EAN/UPC - Product	8711500888624
Order code	88862425
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	928044596581
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/65/1A-E-G13

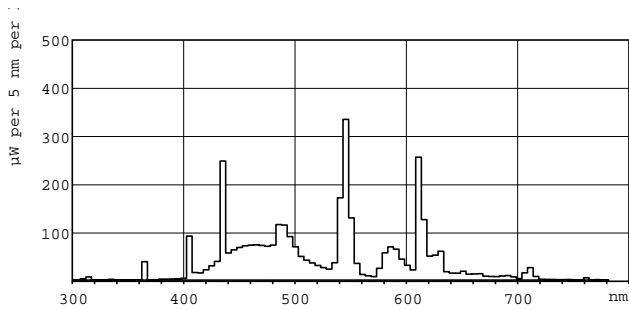
Dimensional drawing



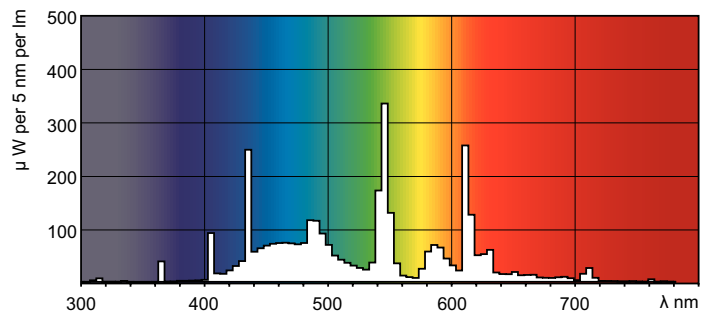
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 De Luxe 36W/965 SLV/10	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D De Luxe 36W/965

Photometric data



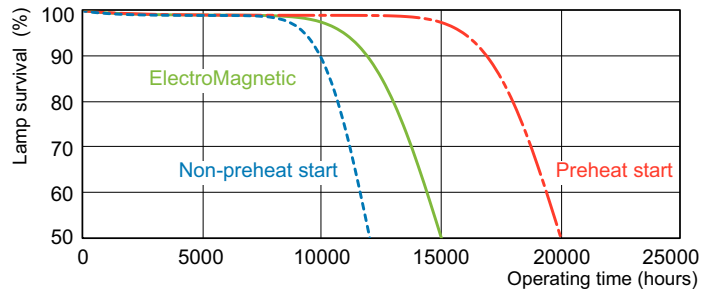
Lightcolour TL-D de Luxe /965



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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

