



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 18W/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 6,500 K]
Lamp Luminous Flux 25°C EL (Nom)	1150 lm
Lamp Luminous Flux (Nom)	1150 lm
Colour Designation	Cool Daylight
Chromaticity coordinate X (nom.)	309

Chromaticity coordinate Y (nom.)	323
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	63.9 lm/W
Colour Rendering Index,horiz (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)	18.0 W
Lamp current (nom.)	0.360 A

Temperature	
Design temperature (nom.)	25 °C

MASTER TL-D 90 De Luxe

Controls and Dimming

Dimmable	Yes
----------	-----

Approval and Application

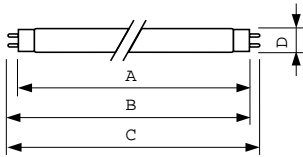
Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	2 mg
Energy consumption kWh/1,000 hours	22 kWh

Product Data

Full product code	871150088846425
Order product name	MASTER TL-D 90 De Luxe 18W/965 SLV/10

EAN/UPC – product	8711500888464
Order code	88846425
Local order code	9280-435-96551
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	928043596581
SAP net weight (piece)	71.000 g
ILCOS code	FD-18/65/1A-E-G13

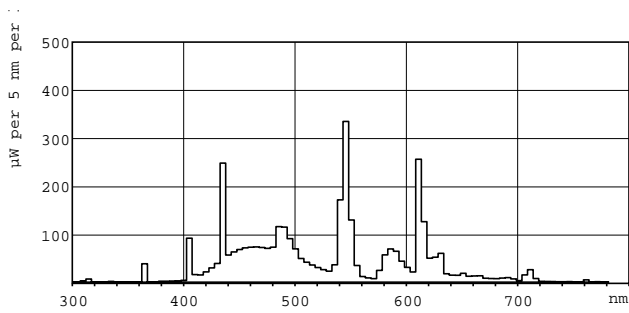
Dimensional drawing



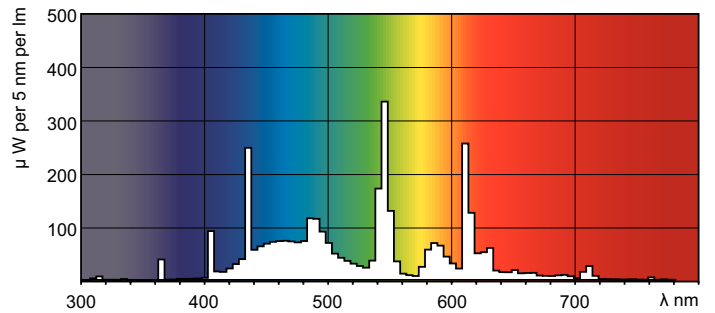
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D 90 De Luxe 18W/965 SLV/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D De Luxe 18W/965

Photometric data



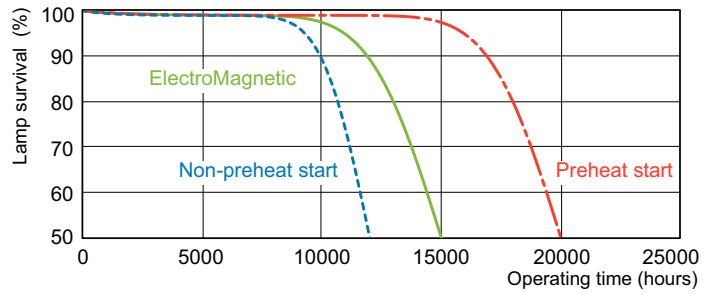
Lightcolour TL-D de Luxe /965



Lightcolour TL-D de Luxe /965

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

