



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

Product data

General Information		LLMF 2000 h Rated	
Cap base	G13 [Medium Bi-Pin Fluorescent]	LLMF 2000 h Rated	96 %
Life to 10% failures (nom.)	12000 h	LLMF 4000 h Rated	95 %
Life to 50% failures (nom.)	15000 h	LLMF 6000 h Rated	94 %
Life to 50% failures preheat (nom.)	20000 h	LLMF 8000 h Rated	93 %
LSF 2000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF 4000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF 6000 h Rated	99 %	LLMF 20000 h Rated	90 %
LSF 8000 h Rated	99 %		
LSF 12000 h Rated	89 %	Operating and Electrical	
LSF 16000 h Rated	33 %	Power (Rated) (Nom)	18.0 W
LSF 20000 h Rated	2 %	Lamp current (nom.)	0.360 A
		Temperature	
		Design temperature (nom.)	25 °C
		Controls and Dimming	
		Dimmable	yes
		Approval and Application	
		Energy efficiency label (EEL)	B
		Mercury (Hg) content (nom.)	2 mg
		Energy Consumption kWh/1000 h	22 kWh
Light Technical			
Colour code	965 [CCT of 6,500 K]		
Luminous flux (nom.)	1150 lm		
Luminous flux (rated) (nom.)	1150 lm		
Colour designation	Cool Daylight		
Chromaticity coordinate X (nom.)	309		
Chromaticity coordinate Y (nom.)	323		
Correlated colour temperature (nom.)	6500 K		
Luminous efficacy (rated) (nom.)	63.9 lm/W		
Color rendering index (nom.)	93		

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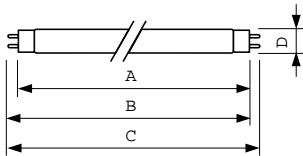
Product Data

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 Code	18965DLP
Numerator – quantity per pack	1

Numerator – packs per outer box	10
Material no. (12NC)	928043596581
Net weight (piece)	71.000 g
ILCOS Code	FD-18/65/1A-E-G13

Warnings and Safety

Dimensional drawing

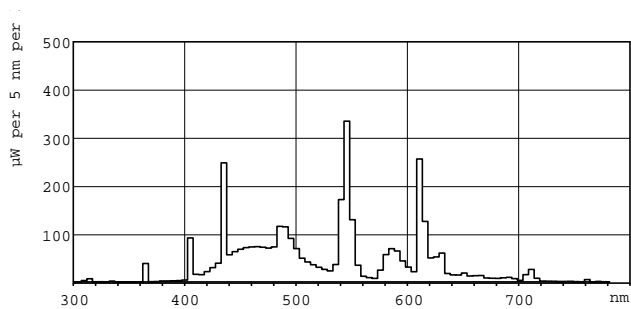


Product

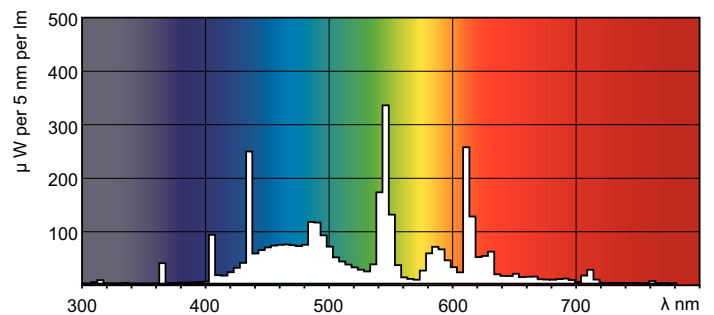
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TL-D De Luxe 18W/965

Photometric data



Lightcolour TL-D de Luxe /965



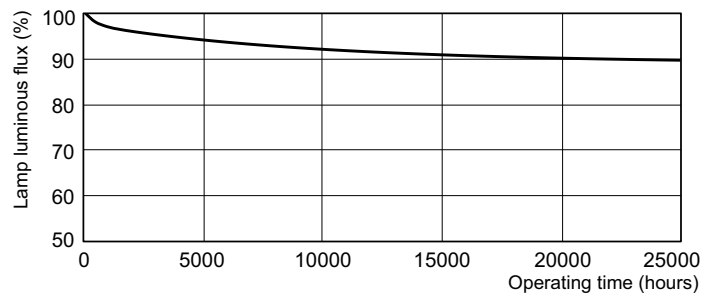
Lightcolour TL-D de Luxe /965

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Lifetime



LDLE_TL-D9HLM_0002-Life expectancy diagram



LDLM_TL-D9HLM_0001-Lumen maintenance diagram

