



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 18W/965 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 %

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	63.9 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)	18.0 W
Lamp Current (Nom)	0.360 A

Temperature	
Design Temperature (Nom)	25 °C

Light Technical	
Color Code	965 [CCT of 6500K]
Luminous Flux (Nom)	1150 lm
Luminous Flux (Rated) (Nom)	1150 lm
Color Designation	Cool Daylight
Chromaticity Coordinate X (Nom)	309
Chromaticity Coordinate Y (Nom)	323

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/1000 h 22 kWh

Product Data

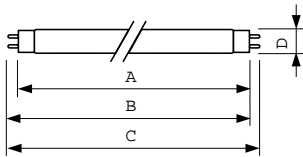
Full product code 871150088846425

Order product name	MASTER TL-D 90 De Luxe 18W/965 SLV/10
EAN/UPC - Product	8711500888464
Order code	928043596581
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	928043596581
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/65/1A-E-G13

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.

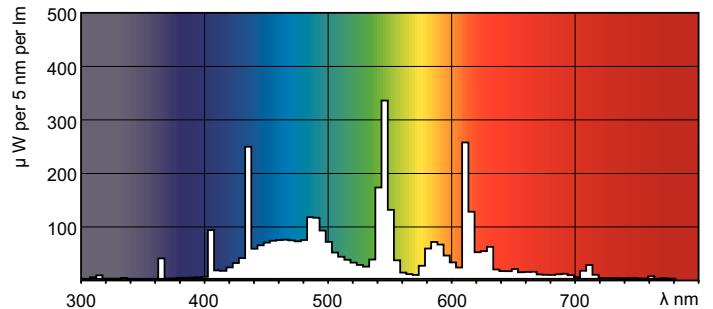
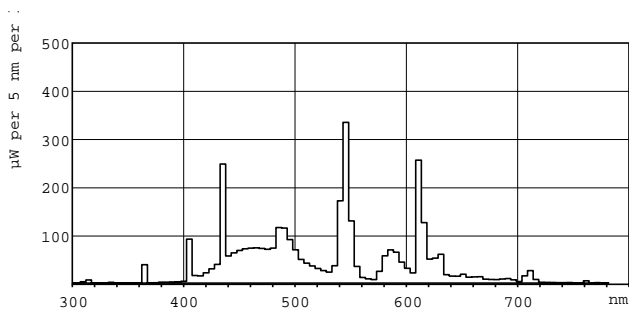
Dimensional drawing



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



Lightcolor TL-D de Luxe /965

Lightcolor TL-D de Luxe /965

MASTER TL-D 90 De Luxe

Lifetime



MASTER TL-D 90 De Luxe Life Expectancy 12 h cycle

MASTER TL-D 90 De Luxe Life Expectancy 3 h cycle



MASTER TL-D 90 De Luxe Lumen Maintenance 3 h + 12 h cycle

