



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 18W/940 1SL

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 Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Bulb	T8 [26 mm]
Life to 10% failures EM	12000 hr
Life to 10% fail	17000 hr
Preheat EL,3h	
Life to 10% fail	10000 hr
Nonpreh EL,3h	
Life to 50% failures EM	15000 hr
Life to 50% fail	20000 hr
Preheat EL,3h	
Life to 50% fail	12000 hr
Nonpreh EL,3h	
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	99 %
LSF EM 6000h Rated, 3h cycle	99 %
LSF EM 8000h Rated, 3h cycle	99 %
LSF EM 12000h Rated, 3h cycle	89 %
LSF EM 16000h Rated, 3h cycle	33 %
LSF EM 20000h Rated, 3h cycle	2 %

• Light Technical Characteristics

Color Code	940 [CCT of 4000K]
Color Rendering Index	91 Ra8
Color Designation (text)	Cool White

Color Temperature	4000 K
Luminous Flux EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Lum Efficacy Rated EM 25°C	66.7 Lm/W
Luminance Average EM	0.90 cd/cm2
LLMF EM 2000h Rated	96 %
LLMF EM 4000h Rated	95 %
LLMF EM 6000h Rated	94 %
LLMF EM 8000h Rated	93 %
LLMF EM 12000h Rated	92 %
LLMF EM 16000h Rated	91 %
LLMF EM 20000h Rated	90 %
Design Temperature	25 C
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	379 -

• Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Wattage EM 25°C, Rated	18.0 W



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MASTER TL-D 90 De Luxe

Lamp Voltage EM 25°C	59 V
Lamp Current EM 25°C	0.360 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	3.0 mg
Energy consumption kWh/1000h	22 kWh

• Product Dimensions

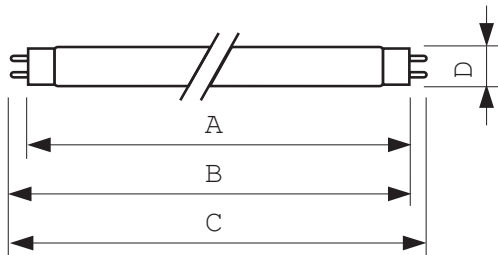
Base Face to Base Face A	589.8 (max) mm
Insertion Length B	594.5 (min), 596.9 (max) mm
Overall Length C	604 (max) mm

Diameter D	28 (max) mm
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• Product Data

Order code	928043594081
Full product code	928043594081
Full product name	MASTER TL-D 90 De Luxe 18W/940 1SL
Order product name	MASTER TL-D 90 De Luxe 18W/940 1SL/10
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500888396
Bar code on outerbox - EAN3	8711500888402
Logistic code(s) - 12NC	928043594081
ILCOS code	FD-18/38/1A-E-G13
Net weight per piece	68.900 gr

Dimensional drawing

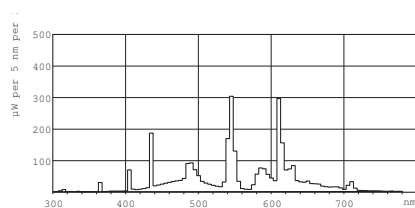


G13

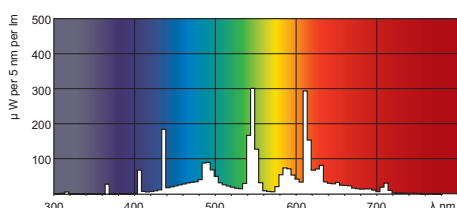
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D De Luxe 18W/940	589.8	594.5	596.9	604	28

Photometric data



Lightcolor TL-D de Luxe /940



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data subject to change