



MASTER TL-D 90 De Luxe

MASTER TL-D 90 De Luxe 58W/940 1SL

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Product data

• General Characteristics

Cap-Base Bulb	G13 [Medium Bi-Pin Fluorescent] T8 [26 mm]
Life to 10% failures EM	12000 hr
Life to 10% fail Preheat EL,3h	17000 hr
Life to 10% fail Nonpreh EL,3h	10000 hr
Life to 50% failures EM	15000 hr
Life to 50% fail Preheat EL,3h	20000 hr
Life to 50% fail Nonpreh EL,3h	12000 hr
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

Colour Code	940 [CCT of 4000K]
Colour Rendering Index	91 Ra8
Colour Designation	Cool White
Colour Temperature	4000 K

Luminous Flux EM 25°C, Rated	4600 Lm
Luminous Flux EM 25°C, Nominal	4600 Lm
Lum Efficacy Rated EM 25°C	78.6 Lm/W
Average Luminance EM	1.25 cd/cm ²
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	58 W
Lamp Wattage EM 25°C, Nominal	58 W
Lamp Wattage EM 25°C, Rated	58.5 W
Lamp Voltage EM 25°C	111 V



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Lamp Current EM 0.670 A
25°C
Dimmable yes

• Environmental Characteristics

Energy Efficiency Label (EEL) A
Mercury (Hg) Content 3.0 mg
Energy consumption 68 kWh/1000h

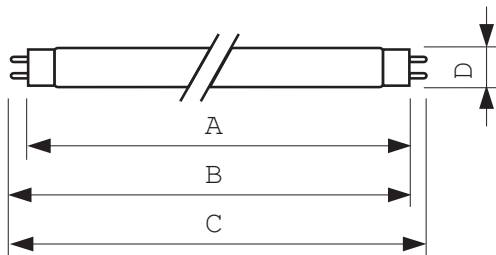
• Product Dimensions

Base Face to Base Face A 1500.0 (max) mm
Insertion Length B 1504.7 (min), 1507.1 (max) mm
Overall Length C 1514.2 (max) mm
Diameter D 28 (max) mm

• Product Data

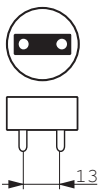
Order code 888693 25
Full product code 871150088869325
Full product name MASTER TL-D 90 De Luxe 58W/940 1SL
Order product name MASTER TL-D 90 De Luxe 58W/940 1SL/10
Pieces per pack 1
Packing configuration 10
Packs per outerbox 10
Bar code on pack - EAN1 8711500888693
Bar code on outerbox - EAN3 8711500888709
Logistic code(s) - 12NC 928045094081
ILCOS code FD-58/38/1A-E-G13
Net weight per piece 186.000 gr

Dimensional drawing



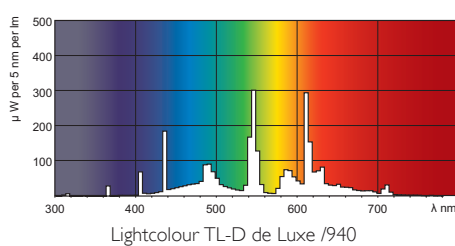
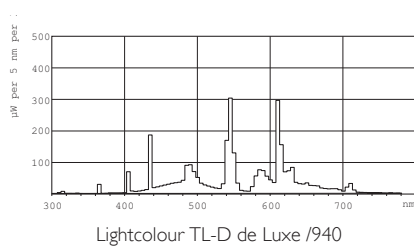
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D De Luxe 58W/940	1500.0	1504.7	1507.1	1514.2	28



G13

Photometric data





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data subject to change