



MASTER TL-D Secura

MASTER TL-D Secura 58W/840 1SL

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

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 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	840 [CCT of 4000K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool White
Colour Temperature	4000 K

Luminous Flux EM 25°C, Rated	5000 Lm
Luminous Flux EM 25°C, Nominal	5000 Lm
Lum Efficacy Rated EM 25°C	85.5 Lm/W
Average Luminance EM	1.4 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	383 -
Chromaticity Coordinate Y	386 -

• 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 25°C 0.670 A
Dimmable yes

Insertion Length B 1504.7 (min), 1507.1 (max) mm
Overall Length C 1514.2 (max) mm
Diameter D 28 (max) mm

• Environmental Characteristics

Energy Efficiency Label (EEL) A
Mercury (Hg) Content 2.0 mg
Energy consumption kWh/1000h 68 kWh

• UV-related Characteristics

Erythral Radiation <=320nm 0.3 mW
Erythral Radiation >320nm 16 mW
Damage Factor D/fc 0.13 -

• Product Dimensions

Base Face to Base Face A 1500.0 (max) mm

• Product Data

Order code 640185 40
Full product code 871150064018540
Full product name MASTER TL-D Secura 58W/840 1SL
Order product name MASTER TL-D Secura 58W/840 1SL/25
Pieces per pack 1
Packing configuration 25
Packs per outerbox 25
Bar code on pack - EAN1 8711500640185
Bar code on outerbox - EAN3 8711500640192
Logistic code(s) - 12NC 927922484076
ILCOS code FD-58/40/1B-E-G13
Net weight per piece 243.100 gr

Warnings and Safety

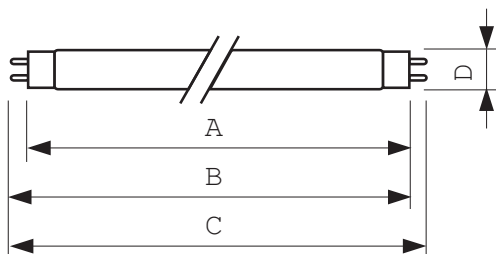
- Not suitable for closed luminaires (as indicated by two blue rings)

- Recommended use in combination with self-stopping lamp control system

Dimensional drawing

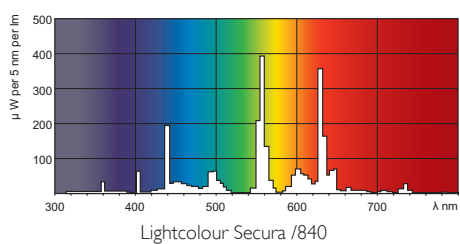
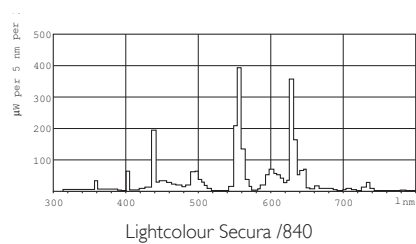
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 58W/840 Secura	1500.0	1504.7	1507.1	1514.2	28



G13

Photometric data



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data subject to change