



MASTER TL-D Secura

MASTER TL-D Secura 58W/830 1SL

This TL-D lamp has a protective coating that keeps glass and lamp components together in the event of accidental breakage. The lamp is easily identifiable by blue rings at one end. Application areas are all places where glass shatters can disturb operations and can have an impact on product and people safety, e.g. the food and beverage industry. The lamp has a Surlyn coating which blocks UV light. It is compliant with HACCP regulations.

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

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White

Color Temperature	3000 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
Luminance Average 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	438 -
Chromaticity Coordinate Y	403 -

• Electrical Characteristics

Lamp Wattage	58 W
Lamp Wattage EM 25°C, Nominal	58 W
Lamp Wattage EM 25°C, Rated	58.5 W

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Lamp Voltage EM 25°C	111 V
Lamp Current EM 25°C	0.670 A
Dimmable	Yes

• Environmental Characteristics

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

• UV-related Characteristics

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

• Product Dimensions

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

• Product Data

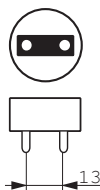
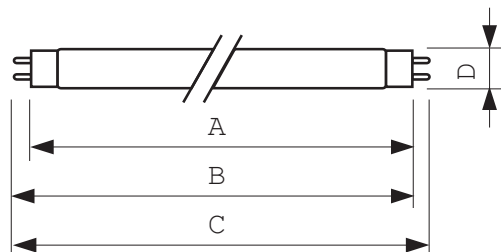
Order code	927922483076
Full product code	927922483076
Full product name	MASTER TL-D Secura 58W/830 1SL
Order product name	MASTER TL-D Secura 58W/830 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500640161
Bar code on outerbox - EAN3	8711500640178
Logistic code(s) - 12NC	927922483076
ILCOS code	FD-58/30/1B-E-G13
Net weight per piece	243.100 gr

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

Warnings and Safety

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

Dimensional drawing

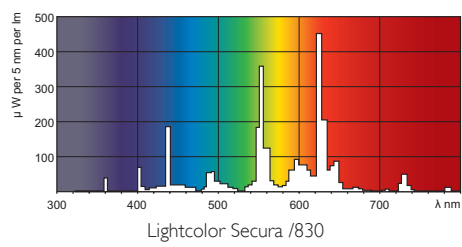
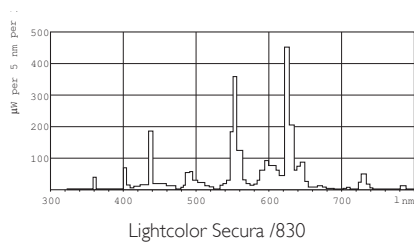


G13

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 58W/830 Secura	1500.0	1504.7	1507.1	1514.2	28

Photometric data



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data subject to change