



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	444 -
Chromaticity Coordinate Y	410 -

• Electrical Characteristics

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



MASTER TL-D Secura

Lamp Voltage EM 25°C 111 V
 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

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

• Product Data

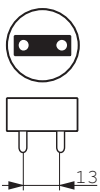
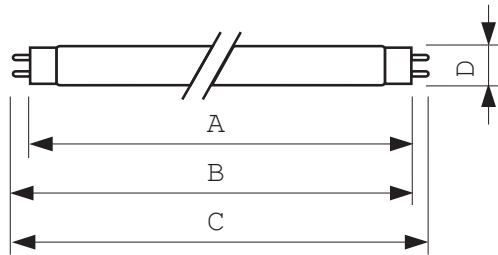
Order code 927922483076
 Full product code 927922483076
 Full product name MASTER TL-D Secura 58W/830 1SL
 Order product name MASTER TL-D Secura 58W/830 1SL/25
 Pieces per pack 1
 Packing configuration 25
 Packs per outerbox 25
 Bar code on pack - EAN1 8711500640161
 Bar code on outerbox - EAN3 8711500640178
 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

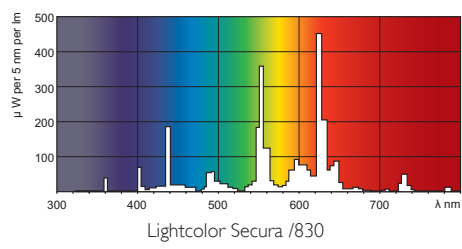
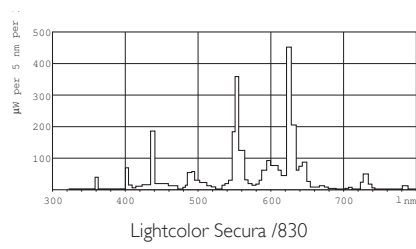


G13

MASTER TL-D Secura 58W/830 1SL

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



© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, April 10
data subject to change