



MASTER TL-D Super 80

MASTER TL-D Super 80 15W/865 1SL

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Product data

• General Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Cap-Base Information	Green Plate
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	865 [CCT of 6500K]
Color Rendering Index	82 Ra8

Color Designation (text)	Cool Daylight
Color Temperature	6500 K
Luminous Flux EM 25°C, Rated	930 Lm
Luminous Flux EM 25°C, Nominal	930 Lm
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	313 -
Chromaticity Coordinate Y	337 -

• Electrical Characteristics

Lamp Wattage	15 W
Lamp Wattage EM 25°C, Nominal	15 W
Lamp Wattage EM 25°C, Rated	15.0 W
Lamp Voltage EM 25°C	51 V

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Lamp Current EM 0.335 A
25°C
Dimmable Yes

• Environmental Characteristics

Energy Efficiency B
Label (EEL)
Mercury (Hg) 2.0 mg
Content
Energy consumption 19 kWh
kWh/1000h

• Product Dimensions

Base Face to Base 437.4 (max) mm
Face A
Insertion Length B 442.1 (min), 444.5 (max) mm
Overall Length C 451.6 (max) mm
Diameter D 28 (max) mm

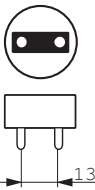
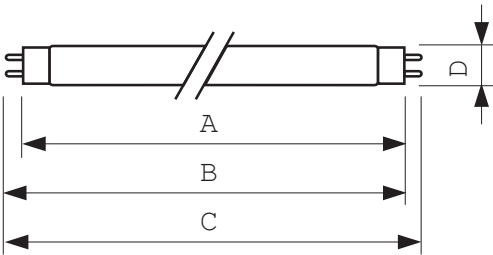
• Product Data

Order code 927922286514
Full product code 927922286514
Full product name MASTER TL-D Super 80 15W/865 1SL
Order product name MASTER TL-D Super 80 15W/865 1SL/25
Pieces per pack 1
Packing configuration 25
Packs per outerbox 25
Bar code on pack - EAN1 8727900917314
Bar code on outerbox - EAN3 8727900917321
Logistic code(s) - 12NC 927922286514
ILCOS code FD-15/65/1B-E-G13
Net weight per piece 59.600 gr

Dimensional drawing

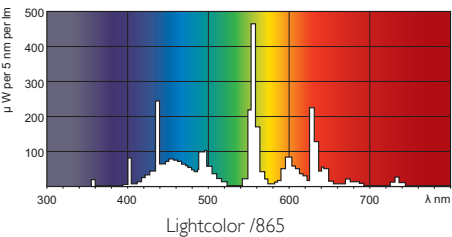
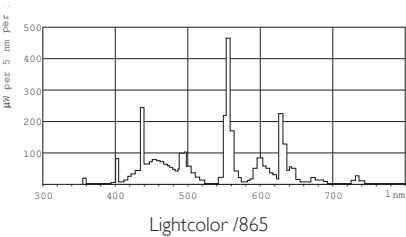
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 15W/865	437.4	442.1	444.5	451.6	28



G13

Photometric data





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2013, October 9
data subject to change