



# MASTER TL-D Super 80

MASTER TL-D Super 80 58W/830 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 50% failures EM	15000 hr
Life to 50% fail Preheat EL,3h	20000 hr
Life to 50% fail Nonpreh EL,3h	12000 hr
Life to 10% fail Nonpreh EL,3h	10000 hr
Life to 10% fail Preheat EL,3h	17000 hr
Life to 10% failures EM	12000 hr
LSF EM 20000h Rated,3h cycle	2 %
LSF EM 16000h Rated,3h cycle	33 %
LSF EM 12000h Rated,3h cycle	89 %
LSF EM 8000h Rated,3h cycle	99 %
LSF EM 6000h Rated,3h cycle	99 %
LSF EM 4000h Rated,3h cycle	99 %
LSF EM 2000h Rated,3h cycle	99 %

### • Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8

Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -
Lum Efficacy Rated EM 25°C	90 Lm/W
LLMF EM 20000h Rated	90 %
LLMF EM 16000h Rated	91 %
LLMF EM 12000h Rated	92 %
LLMF EM 8000h Rated	93 %
LLMF EM 6000h Rated	94 %
LLMF EM 4000h Rated	95 %
LLMF EM 2000h Rated	96 %
Luminous Flux EM 25°C, Rated	5240 Lm
Luminous Flux EM 25°C, Nominal	5240 Lm
Design Temperature	25 C

### • Electrical Characteristics

Lamp Wattage	58 W
Dimmable	Yes
Lamp Current EM 25°C	0.670 A
Lamp Wattage EM 25°C, Rated	58.5 W



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# MASTER TL-D Super 80

Lamp Wattage EM 58 W  
 25°C, Nominal  
 Lamp Voltage EM 111 V  
 25°C

## • Environmental Characteristics

Energy Efficiency A  
 Label (EEL)  
 Mercury (Hg) 2.0 mg  
 Content

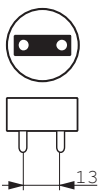
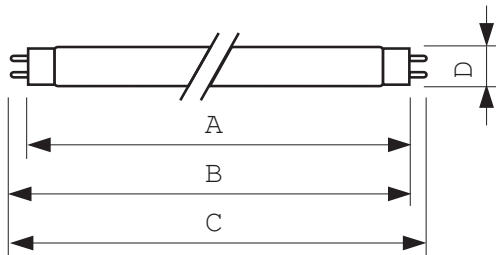
## • Product Dimensions

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 927922083081  
 Full product code 927922083081  
 Full product name MASTER TL-D Super 80 58W/830 1SL  
 Order product name MASTER TL-D Super 80 58W/830 1SL/25  
 Pieces per pack 1  
 Packing configuration 25  
 Packs per outerbox 25  
 Bar code on pack - EAN1 8727900918601  
 Bar code on outerbox - EAN3 8727900918618  
 Logistic code(s) - 12NC 927922083081  
 ILCOS code FD-58/30/1B-E-G13  
 Net weight per piece 167.000 gr

## Dimensional drawing

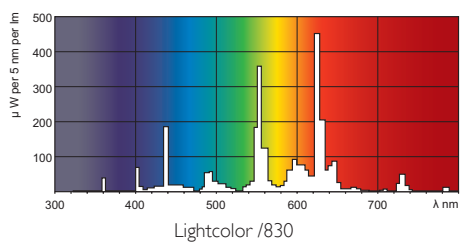
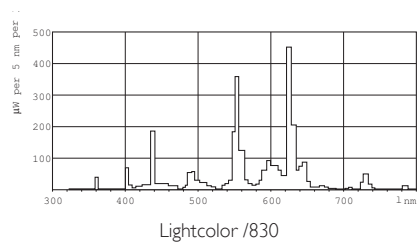


G13

## G13, T8

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

## Photometric data



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2012, August 7  
data subject to change