



# MASTER TL-D Super 80

MASTER TL-D Super 80 58W/865 1SL

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

## 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 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	865 [CCT of 6500K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool Daylight

Colour Temperature	6500 K
Luminous Flux EM 25°C, Rated	5000 Lm
Luminous Flux EM 25°C, Nominal	5000 Lm
Lum Efficacy Rated EM 25°C	86 Lm/W
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	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 0.670 A  
 25°C  
 Dimmable yes

## • Environmental Characteristics

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

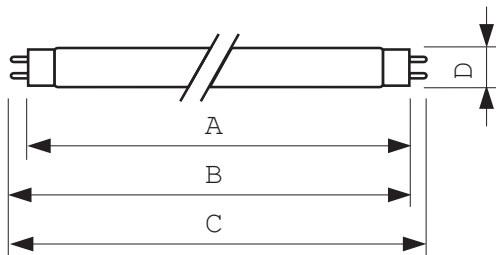
## • Product Dimensions

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

## • Product Data

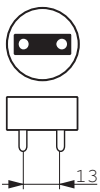
Order code 632258 40  
 Full product code 871150063225840  
 Full product name MASTER TL-D Super 80 58W/865 1SL  
 Order product name MASTER TL-D Super 80 58W/865 1SL/25  
 Pieces per pack 1  
 Packing configuration 25  
 Packs per outerbox 25  
 Bar code on pack - EAN1 8711500632258  
 Bar code on outerbox - EAN3 8711500632265  
 Logistic code(s) - 12NC 927922086544  
 ILCOS code FD-58/65/1B-E-G13  
 Net weight per piece 159.400 gr

## Dimensional drawing



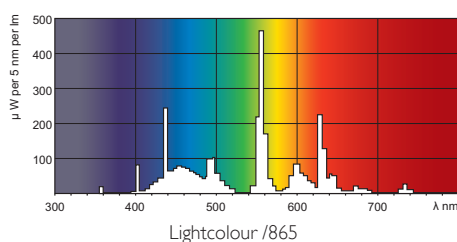
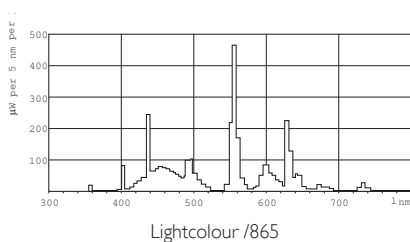
## MASTER TL-D Super 80 58W/865 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 58W/865	1500.0	1504.7	1507.1	1514.2	28



G13

## Photometric data





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2014, October 31  
data subject to change