



MASTER TL-D Super 80

MASTER TL-D Super 80 30W/827 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 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	97 %
LSF EM 6000h Rated, 3h cycle	96 %
LSF EM 8000h Rated, 3h cycle	95 %
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	827 [CCT of 2700K]
Color Rendering Index	85 Ra8

Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux EM 25°C, Rated	2400 Lm
Luminous Flux EM 25°C, Nominal	2400 Lm
Lum Efficacy Rated EM 25°C	80 Lm/W
Luminance Average EM	1.10 cd/cm ²
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	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	30 W
Lamp Wattage EM 25°C, Nominal	30 W



asimpleswitch.com

PHILIPS

MASTER TL-D Super 80

Lamp Wattage EM 25°C, Rated	30.0 W
Lamp Voltage EM 25°C	98 V
Lamp Current EM 25°C	0.360 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.0 mg
Energy consumption kWh/1000h	36 kWh

• Product Dimensions

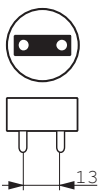
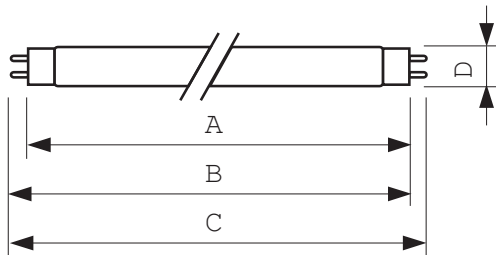
Base Face to Base Face A	894.6 (max) mm
Insertion Length B	899.3 (min), 901.7 (max) mm

Overall Length C	908.8 (max) mm
Diameter D	28 (max) mm

• Product Data

Order code	927920582723
Full product code	927920582723
Full product name	MASTER TL-D Super 80 30W/827 1SL
Order product name	MASTER TL-D Super 80 30W/827 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500631800
Bar code on outerbox - EAN3	8711500631817
Logistic code(s) - 12NC	927920582723
ILCOS code	FD-30/27/1B-E-G13
Net weight per piece	103.600 gr

Dimensional drawing

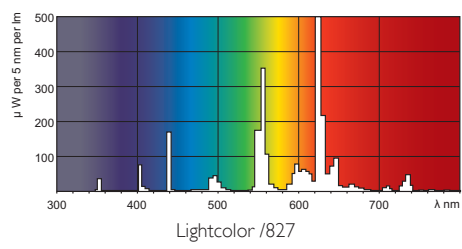
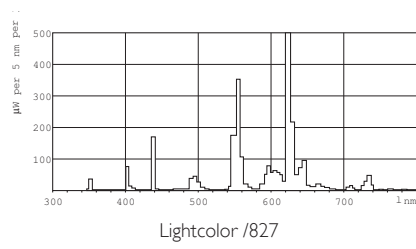


G13

MASTER TL-D Super 80 30W/827 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 30W/827	894.6	899.3	901.7	908.8	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