



# MASTER TL-D Super 80

MASTER TL-D Super 80 18W/835 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	835 [CCT of 3500K]
Colour Rendering Index	85 Ra8
Colour Designation	White

Colour Temperature	3500 K
Luminous Flux EM 25°C, Rated	1350 Lm
Luminous Flux EM 25°C, Nominal	1350 Lm
Lum Efficacy Rated EM 25°C	75 Lm/W
Average Luminance EM	0.95 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	409 -
Chromaticity Coordinate Y	394 -

### • Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Wattage EM 25°C, Rated	18.0 W



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Lamp Voltage EM 25°C	59 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	22 kWh

## • Product Dimensions

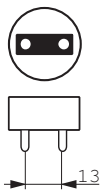
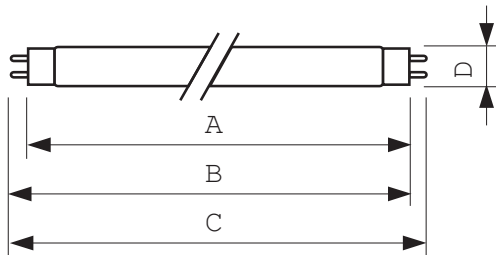
Base Face to Base Face A	589.8 (max) mm
Insertion Length B	594.5 (min), 596.9 (max) mm
Overall Length C	604 (max) mm

Diameter D 28 (max) mm

## • Product Data

Order code	631688 40
Full product code	871150063168840
Full product name	MASTER TL-D Super 80 18W/835 1SL
Order product name	MASTER TL-D Super 80 18W/835 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500631688
Bar code on outerbox - EAN3	8711500643506
Logistic code(s) - 12NC	927920083523
ILCOS code	FD-18/35/1B-E-G13
Net weight per piece	68.900 gr

## Dimensional drawing

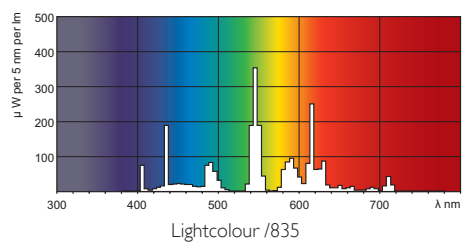
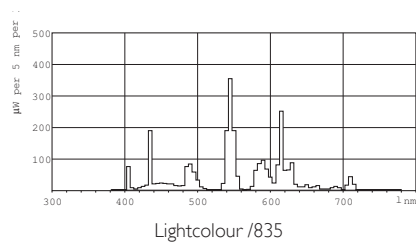


G13

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 18W/835	589.8	594.5	596.9	604	28

## Photometric data



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2013, July 12  
data subject to change