



MASTER TL-D Super 80

MASTER TL-D Super 80 70W/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	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

Colour Code	835 [CCT of 3500K]
Colour Rendering Index	85 Ra8
Colour Designation	White

Colour Temperature	3500 K
Luminous Flux EM 25°C, Rated	6200 Lm
Luminous Flux EM 25°C, Nominal	6200 Lm
Lum Efficacy Rated EM 25°C	89 Lm/W
Average Luminance EM	1.50 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	409 -
Chromaticity Coordinate Y	394 -

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	70 W
Lamp Wattage EM 25°C, Rated	70.0 W



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MASTER TL-D Super 80

Lamp Voltage EM 25°C	132 V
Lamp Current EM 25°C	0.690 A
Dimmable	yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	3.0 mg
Energy consumption kWh/1000h	81 kWh

• Product Dimensions

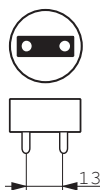
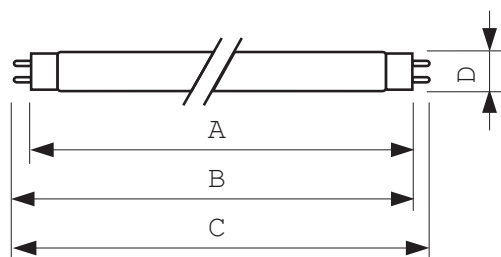
Base Face to Base Face A	1763.8 (max) mm
Insertion Length B	1768.5 (min), 1770.9 (max) mm
Overall Length C	1778 (max) mm

Diameter D	28 (max) mm
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• Product Data

Order code	642738 40
Full product code	871150064273840
Full product name	MASTER TL-D Super 80 70W/835 1SL
Order product name	MASTER TL-D Super 80 70W/835 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500642738
Bar code on outerbox - EAN3	8711500642745
Logistic code(s) - 12NC	927923883514
ILCOS code	FD-70/35/1B-E-G13
Net weight per piece	202.700 gr

Dimensional drawing

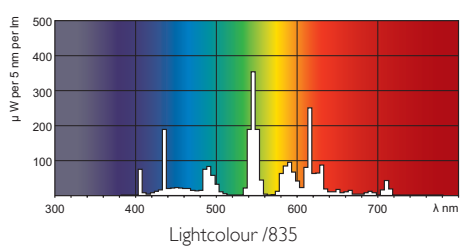
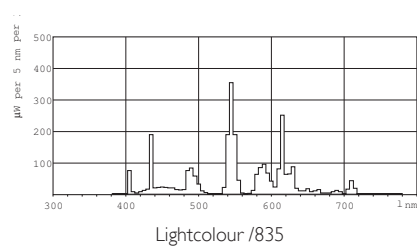


G13

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 70W/835	1763.8	1768.5	1770.9	1778	28

Photometric data



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data subject to change