



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



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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

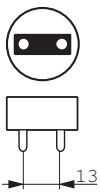
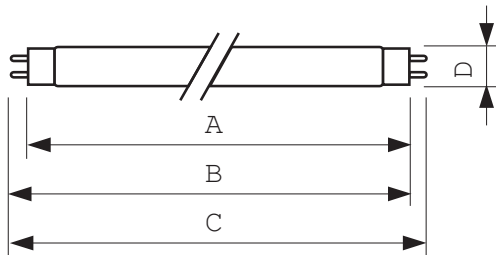
Base Face to Base Face A 1763.8 (max) mm
 Insertion Length B 1768.5 (min), 1770.9 (max) mm
 Overall Length C 1778 (max) mm

Diameter D 28 (max) mm

• 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

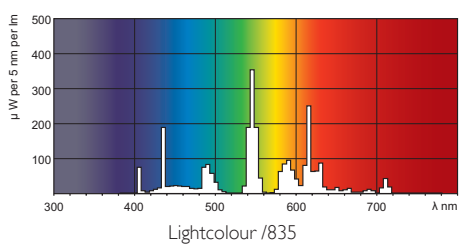
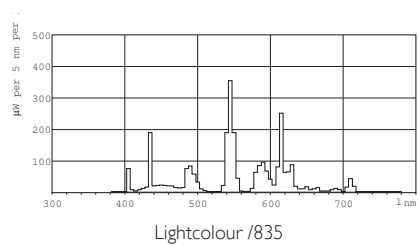


G13

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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