



MASTER TL-D Super 80

MASTER TL-D Super 80 38W/840 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	840 [CCT of 4000K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool White

Colour Temperature	4000 K
Luminous Flux EM 25°C, Rated	3350 Lm
Luminous Flux EM 25°C, Nominal	3350 Lm
Lum Efficacy Rated EM 25°C	88 Lm/W
Average Luminance EM	1.40 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	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	38 W
Lamp Wattage EM 25°C, Nominal	38 W
Lamp Wattage EM 25°C, Rated	38.0 W



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MASTER TL-D Super 80

Lamp Voltage EM 25°C 104 V
 Lamp Current EM 25°C 0.430 A
 Dimmable yes

• Environmental Characteristics

Energy Efficiency Label (EEL) A
 Mercury (Hg) Content 2.0 mg

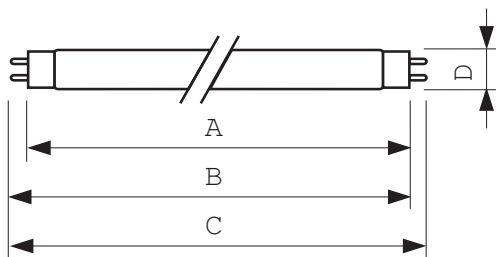
• Product Dimensions

Base Face to Base Face A 1047.0 (max) mm
 Insertion Length B 1051.7 (min), 1054.1 (max) mm
 Overall Length C 1061.2 (max) mm
 Diameter D 28 (max) mm

• Product Data

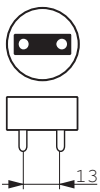
Order code 558831 40
 Full product code 871150055883140
 Full product name MASTER TL-D Super 80 38W/840 1SL
 Order product name MASTER TL-D Super 80 38W/840 1SL/25
 Pieces per pack 1
 Packing configuration 25
 Packs per outerbox 25
 Bar code on pack - EAN1 8711500558831
 Bar code on outerbox - EAN3 8711500558848
 Logistic code(s) - 12NC 927923584014
 ILCOS code FD-38/40/1B-E-G13
 Net weight per piece 133.000 gr

Dimensional drawing



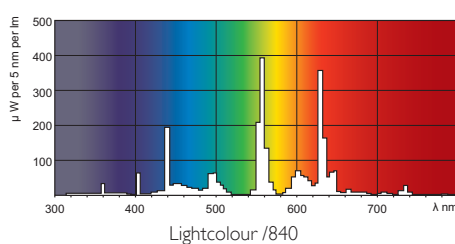
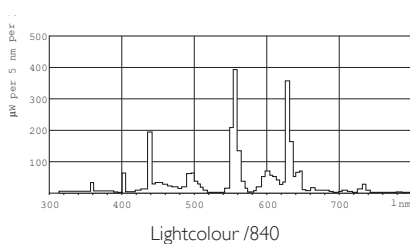
G13, T8

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 38W/840	1047.0	1051.7	1054.1	1061.2	28



G13

Photometric data





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data subject to change