



MASTER TL-D Super 80

MASTER TL-D Super 80 36W/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	93 Lm/W
Average Luminance EM	1.25 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	36 W
Lamp Wattage EM 25°C, Nominal	36 W
Lamp Wattage EM 25°C, Rated	36.0 W



MASTER TL-D Super 80

Lamp Voltage EM 25°C 103 V
 Lamp Current EM 25°C 0.440 A
 Dimmable yes

• Environmental Characteristics

Energy Efficiency Label (EEL) A
 Mercury (Hg) Content 2.0 mg
 Energy consumption kWh/1000h 42 kWh

• Product Dimensions

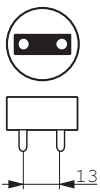
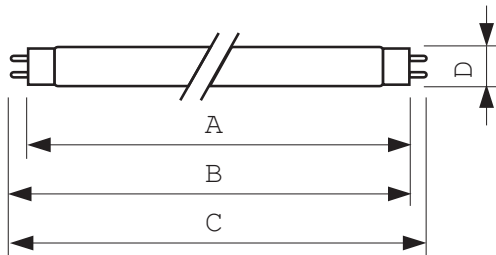
Base Face to Base Face A 1199.4 (max) mm
 Insertion Length B 1204.1 (min), 1206.5 (max) mm
 Overall Length C 1213.6 (max) mm

Diameter D 28 (max) mm

• Product Data

Order code 632012 40
 Full product code 871150063201240
 Full product name MASTER TL-D Super 80 36W/840 1SL
 Order product name MASTER TL-D Super 80 36W/840 1SL/25
 Pieces per pack 1
 Packing configuration 25
 Packs per outerbox 25
 Bar code on pack - EAN1 8711500632012
 Bar code on outerbox - EAN3 8711500632029
 Logistic code(s) - 12NC 927921084023
 ILCOS code FD-36/40/1B-E-G13
 Net weight per piece 134.500 gr

Dimensional drawing

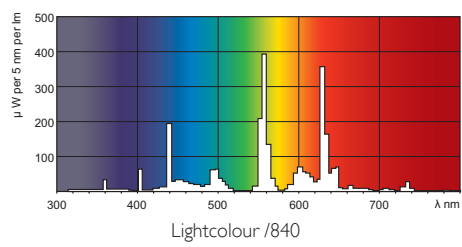
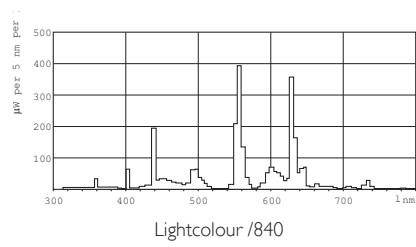


G13

MASTER TL-D Super 80 36W/840 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 36W/840	1199.4	1204.1	1206.5	1213.6	28

Photometric data



© 2015 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

2015, February 23
data subject to change