



MASTER TL-D Eco

MASTER TL-D Eco 32W/840 1SL

The MASTER TL-D Eco lamp offers the same light output as a MASTER TL-D Super 80 lamp, while using less energy, thanks to the use of specific phosphors and a special gas filling. Application areas are schools, offices, governmental buildings and healthcare environments.

Product data

• General Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
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

Color Code	840 [CCT of 4000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool White

Color Temperature	4000 K
Luminous Flux EM 25°C, Rated	2650 Lm
Luminous Flux EM 25°C, Nominal	2650 Lm
Luminous Flux Lamp EM 30°C	3000 Lm
Lum Efficacy Rated EM 25°C	82 Lm/W
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	30 C
Chromaticity Coordinate X	381 -
Chromaticity Coordinate Y	379 -

• Electrical Characteristics

Lamp Wattage	32 W
Dimmable	Yes
Lamp Current EM 25°C	0.448 A
Lamp Wattage EM 25°C, Rated	32.2 W



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MASTER TL-D Eco

Lamp Wattage EM 32 W
25°C, Nominal
Lamp Voltage EM 92 V
25°C

• Environmental Characteristics

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

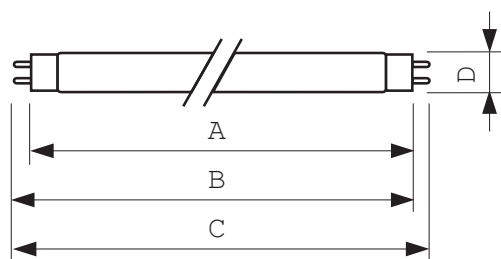
• Product Dimensions

Base Face to Base 1199.4 (max) mm
Face A
Insertion Length B 1204.1 (min), 1206.5 (max) mm
Overall Length C 1213.6 (max) mm
Diameter D 28 (max) mm

• Product Data

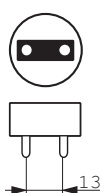
Order code 927921184023
Full product code 927921184023
Full product name MASTER TL-D Eco 32W/840 1SL
Order product name MASTER TL-D Eco 32W/840 1SL/25
Pieces per pack 1
Packing configuration 25
Packs per outerbox 25
Bar code on pack - EAN1 8711500264626
Bar code on outerbox - EAN3 8711500264633
Logistic code(s) - 12NC 927921184023
ILCOS code FD-32/40/1B-E-G13-26/1200
Net weight per piece 138.400 gr

Dimensional drawing



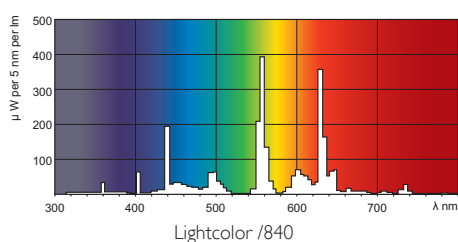
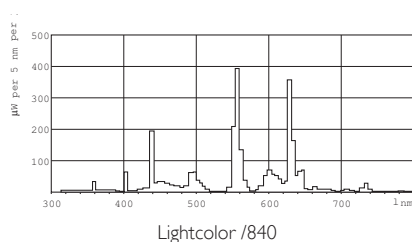
G13, T8

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D Eco 32W/840	1199.4	1204.1	1206.5	1213.6	28



G13

Photometric data





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2012, November 2
data subject to change