



TL-D consumer products

TL-D 16W/827 1PP/10

The lamp can be operated in existing TL-D luminaire and is available in a wide range of wattages and colors.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Life To 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
Life to 50% Failures Preheat (Nom)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 20000 h Rated	2 %
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux (Nom)	1200 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Incandescent White
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color Rendering Index (Nom)	>80
LLMF 2000 h Rated	96 %

LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

Operating and Electrical

Power (Nom)	16 W
Lamp Current (Nom)	0.200 A

Temperature

Design Temperature (Nom)	25 °C
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Controls and Dimming

Dimmable	Yes
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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	20 kWh

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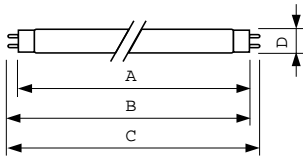
Product Data

Full product code	871150064157125
Order product name	TL-D 16W/827 1PP/10
EAN/UPC - Product	8711500641571
Order code	928024982766
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	928024982766
Net Weight (Piece)	71.000 g
ILCOS Code	FD-16/27/1B-E-G13

Warnings and Safety

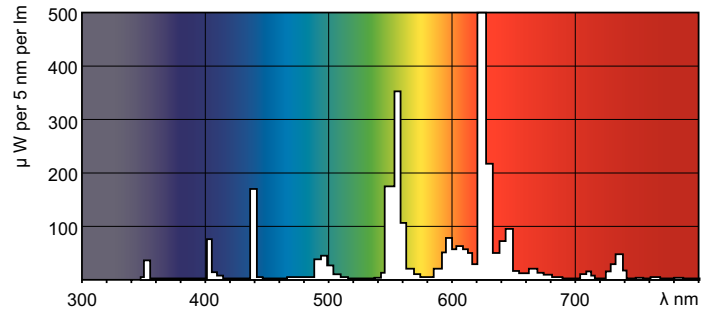
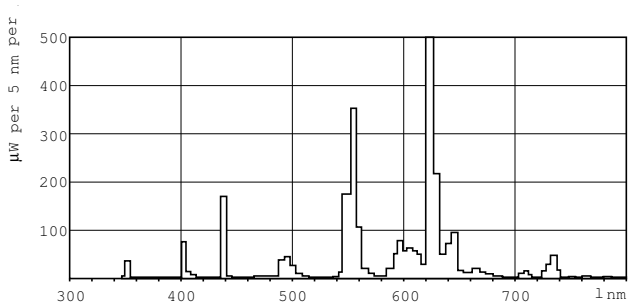
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 16W/827 1PP/10	28 mm	720.0 mm	727.1 mm	724.7 mm	734.2 mm

TL-D 16W/827

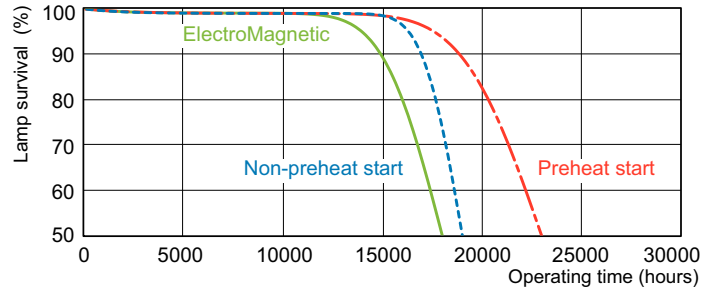
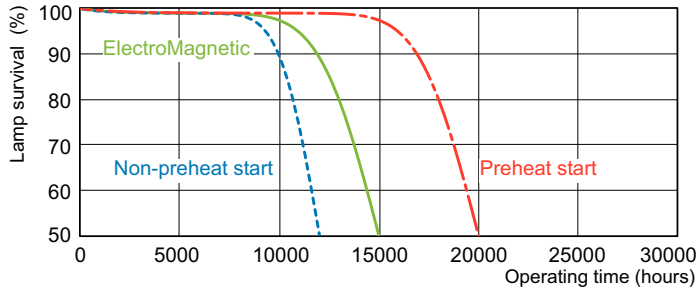
Photometric data



LDPB_TL-D8_827-Spectral power distribution B/W

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Lifetime



LDLE_TL-D8_0001-Life expectancy diagram

