



# 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.

### Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General Information		Operating and Electrical	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Correlated Color Temperature (Nom)	2700 K
Life To 10% Failures (Nom)	12000 h	Luminous Efficacy (rated) (Nom)	75 lm/W
Life to 50% Failures (Nom)	15000 h	Color Rendering Index (Nom)	>80
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 2000 h Rated	96 %
LSF 2000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 4000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 6000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF 8000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF 12000 h Rated	89 %	LLMF 16000 h Rated	91 %
LSF 16000 h Rated	33 %	LLMF 20000 h Rated	90 %
LSF 20000 h Rated	2 %		
Light Technical		Temperature	
Color Code	827 [ CCT of 2700K]	Power (Nom)	16 W
Luminous Flux (Nom)	1200 lm	Lamp Current (Nom)	0.200 A
Luminous Flux (Rated) (Nom)	1200 lm		
Color Designation	Incandescent White	Design Temperature (Nom)	25 °C

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### Controls and Dimming

Dimmable	Yes
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### Approval and Application

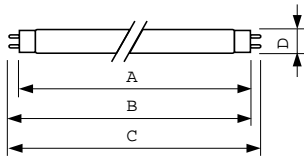
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	20 kWh

### Product Data

Full product code	871150064157125
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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

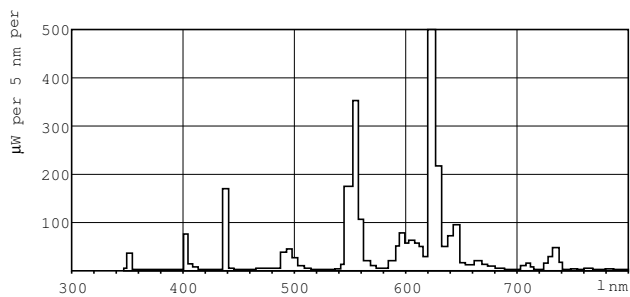
## Dimensional drawing



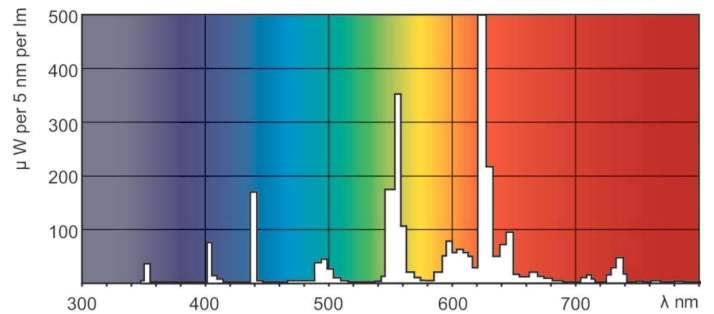
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 16W/827 1PP/10	28 mm	720.0 mm	727.1 mm	724.7 mm	734.2 mm

### TL-D 16W/827

## Photometric data



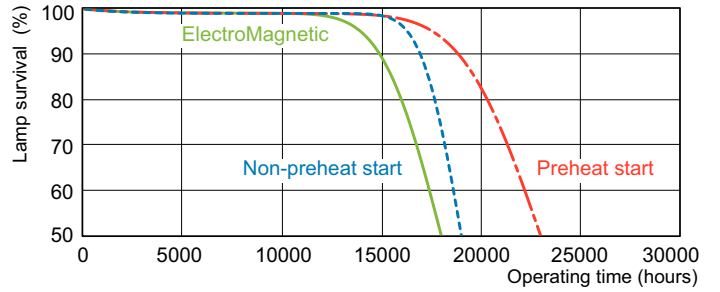
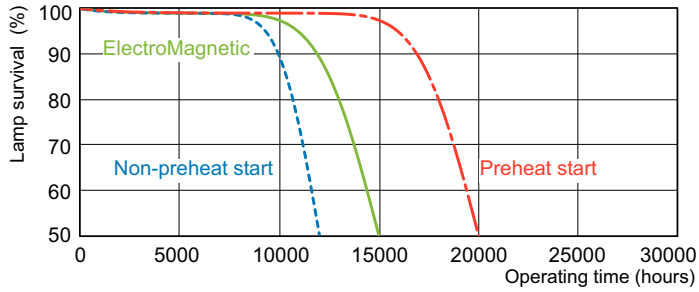
LDPB\_TL-D8\_827-Spectral power distribution B/W



LDPO\_TL-D8\_827-Spectral power distribution Colour

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## Lifetime



LDLE\_TL-D8\_0001-Life expectancy diagram

LDLE\_TL-D8\_0002-Life expectancy diagram



LDLM\_TL-D8\_0001-Lumen maintenance diagram

