



# TL-D consumer products



## TL-D 18W/840 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

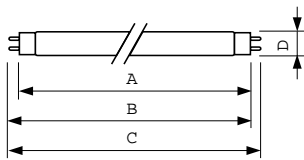
General Information		Color Designation	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		Cool White (CW)
Life To 10% Failures (Nom)	12000 h	Chromaticity Coordinate X (Nom)	0.38
Life to 50% Failures (Nom)	15000 h	Chromaticity Coordinate Y (Nom)	0.38
Life to 50% Failures Preheat (Nom)	20000 h	Correlated Color Temperature (Nom)	4000 K
LSF 2000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	75 lm/W
LSF 4000 h Rated	99 %	Color Rendering Index (Nom)	81
LSF 6000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 8000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 12000 h Rated	89 %	LLMF 6000 h Rated	94 %
LSF 16000 h Rated	33 %	LLMF 8000 h Rated	93 %
LSF 20000 h Rated	2 %	LLMF 12000 h Rated	92 %
Flux measurement reference	Sphere	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	840 [ CCT of 4000K]	Power (Nom)	18.2 W
Luminous Flux (Nom)	1350 lm	Lamp Current (Nom)	0.360 A
Luminous Flux (Rated) (Nom)	1350 lm		

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Temperature	
Design Temperature (Nom)	25 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8 [ 26 mm (T8)]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	19 kWh

EPREL Registration Number	423363
Product Data	
Full product code	871150062263125
Order product name	TL-D 18W/840 1PP/10
EAN/UPC - Product	8711500622631
Order code	927920084022
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927920084022
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/40/1B-E-G13

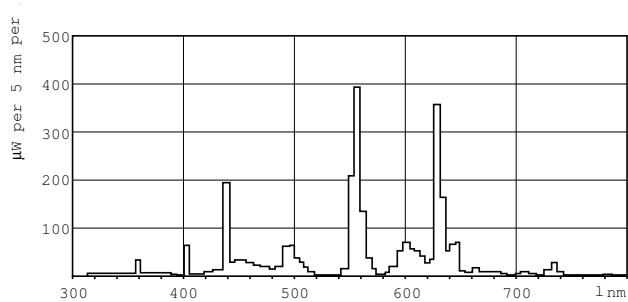
## Dimensional drawing



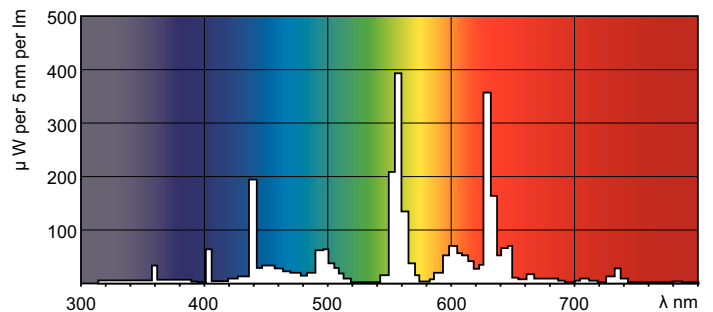
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/840 1PP/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

## TL-D 18W/840

## Photometric data



LDPB\_TL-D8\_840\_0001-Spectral power distribution B/W



LDPO\_TL-D8\_840\_0001-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

