



# TL-D consumer products

## TL-D 36W/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	
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 %
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [ CCT of 4000K]
Luminous Flux (Nom)	3350 lm
Luminous Flux (Rated) (Nom)	3350 lm

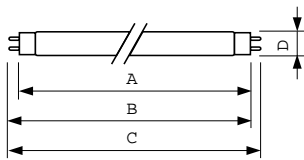
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color Rendering Index (Nom)	80
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Nom)	36.8 W
Lamp Current (Nom)	0.440 A

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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	37 kWh

EPREL Registration Number	423382
Product Data	
Full product code	871150062268625
Order product name	TL-D 36W/840 1PP/10
EAN/UPC - Product	8711500622686
Order code	927921084022
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927921084022
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/40/1B-E-G13

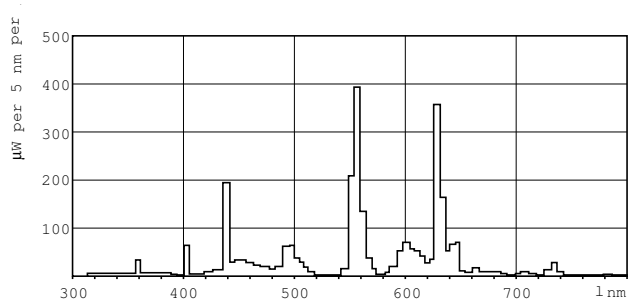
## Dimensional drawing



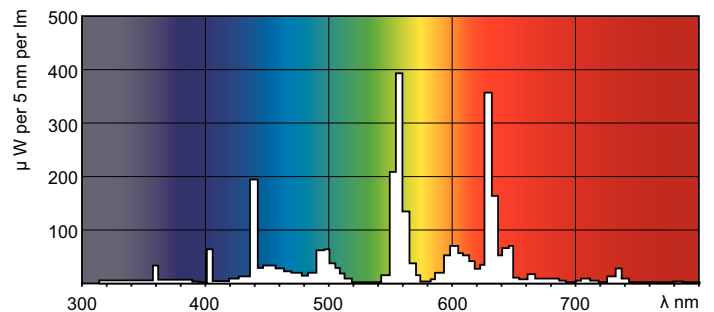
Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 36W/840 1PP/10	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

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## Photometric data



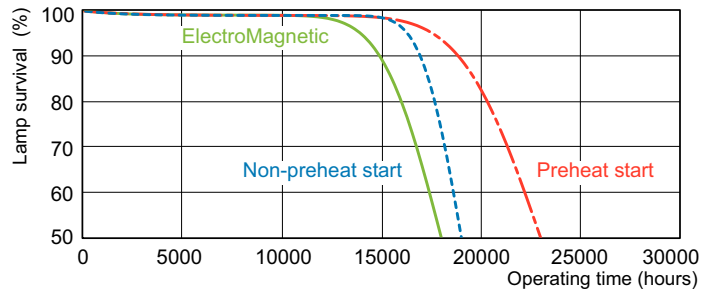
LDPB\_TL-D8\_840\_0001-Spectral power distribution B/W



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

