

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 [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
Chromaticity Coordinate X (Nom)	470
Chromaticity Coordinate Y (Nom)	418
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	75 lm/W
Color Rendering Index (Nom)	85
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 (Rated) (Nom)	16 W
Lamp Current (Nom)	0.200 A

• Temperature

Design Temperature (Nom)	25 °C

• Controls and Dimming

Dimmable	Yes

• 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
Order product name	TL-D 16W/827 1PP/10
EAN/UPC - Product	8711500641571
Order code	928024982766

PHILIPS

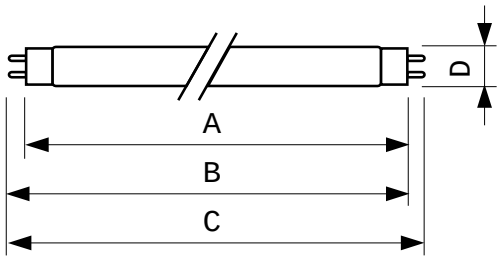
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	928024982766
Net Weight (Piece)	83.700 g
ILCOS Code	FD-16/27/1B-E-G13

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.

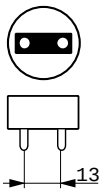
Dimensional drawing



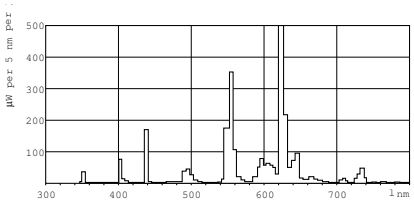
TL-D 16W/827

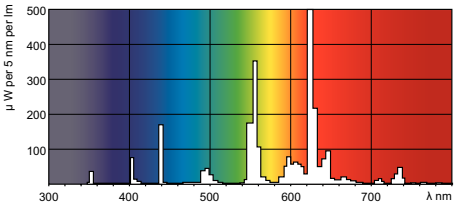
Product	D	A	B	B	C
TL-D 16W/827 1PP/10	28 mm	720.0 mm	727.1 mm	724.7 mm	734.2 mm

G13, T8



Photometric data







© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, January 12
data subject to change