



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 (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 |

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Product Data

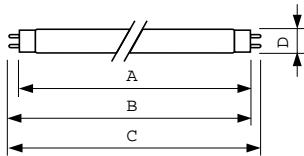
| | |
|-------------------------------|---------------------|
| Full product code | 871150064157125 |
| Order product name | TL-D 16W/827 1PP/10 |
| EAN/UPC - Product | 8711500641571 |
| Order code | 928024982766 |
| Numerator - Quantity Per Pack | 1 |

| | |
|---------------------------------|-------------------|
| 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

- 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.

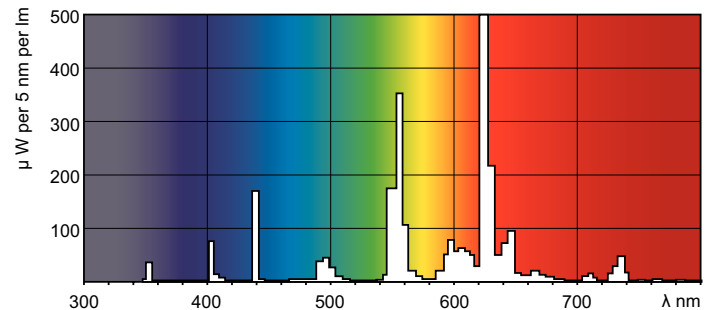
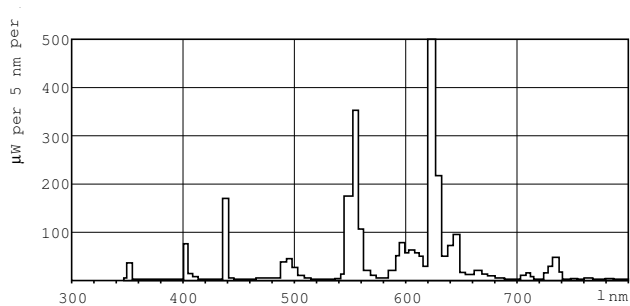
Dimensional drawing



| 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 |

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Photometric data



Lightcolor /827

Lightcolor /827

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Lifetime



MASTER TL-D Super 80 Life Expectancy 3 h cycle

MASTER TL-D Super 80 Life Expectancy 12 h cycle



MASTER TL-D Super 80 Lumen Maintenance 3 h + 12 h cycle

