



TL-D consumer products



TL-D 15W/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 | | Color Designation | |
|------------------------------------|----------------------------------|------------------------------------|--------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | Incandescent White |
| Life To 10% Failures (Nom) | 12000 h | Chromaticity Coordinate X (Nom) | 0.463 |
| Life to 50% Failures (Nom) | 15000 h | Chromaticity Coordinate Y (Nom) | 0.42 |
| Life to 50% Failures Preheat (Nom) | 20000 h | Correlated Color Temperature (Nom) | 2700 K |
| LSF 2000 h Rated | 99 % | Luminous Efficacy (rated) (Nom) | 67 lm/W |
| LSF 4000 h Rated | 99 % | Color Rendering Index (Nom) | 82 |
| 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 | 827 [CCT of 2700K] | Power (Nom) | 15.5 W |
| Luminous Flux (Nom) | 1000 lm | Lamp Current (Nom) | 0.340 A |
| Luminous Flux (Rated) (Nom) | 1000 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)] |
|------------|------------------|

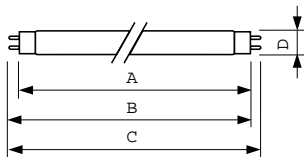
Approval and application

| | |
|-------------------------------|--------|
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Nom) | 1.7 mg |
| Energy Consumption kWh/1000 h | 16 kWh |
| EPREL Registration Number | 423406 |

Product data

| | |
|---------------------------------|---------------------|
| Full product code | 871150062259425 |
| Order product name | TL-D 15W/827 1PP/10 |
| EAN/UPC - Product | 8711500622594 |
| Order code | 927922282766 |
| Numerator - Quantity Per Pack | 1 |
| Local code description | 3821300 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 927922282766 |
| Net Weight (Piece) | 56.570 g |
| ILCOS Code | FD-15/27/1B-E-G13 |

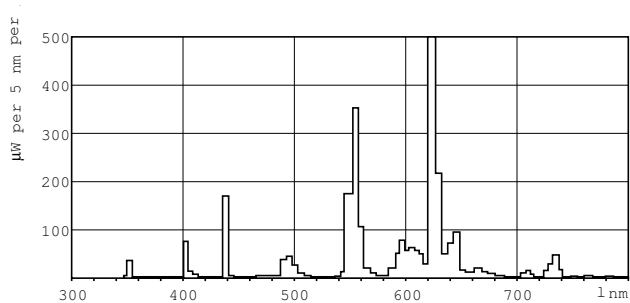
Dimensional drawing



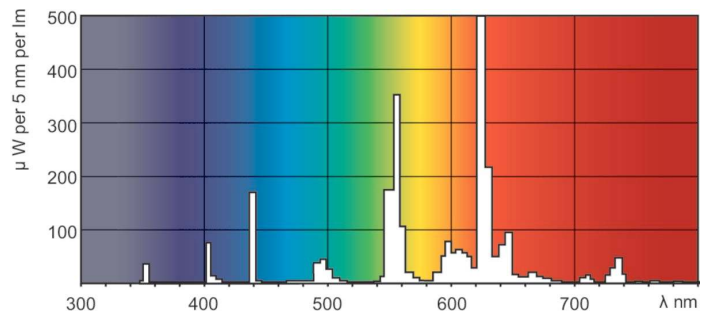
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------|---------|----------|----------|----------|----------|
| TL-D 15W/827 1PP/10 | 28 mm | 437.4 mm | 444.5 mm | 442.1 mm | 451.6 mm |

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Photometric data



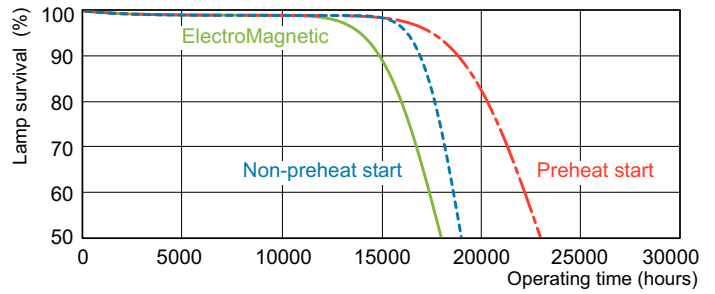
LDPB_TL-D8_827-Spectral power distribution B/W



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

