



Efficient fluorescent lighting with improved color rendering

TL-D LIFEMAX Super 80

The TL-D LIFEMAX Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Benefits

- Good color rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Create atmospheres from warm white to cool daylight

Features

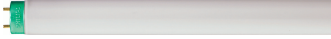
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- Low mercury dose
- Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

Application

- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

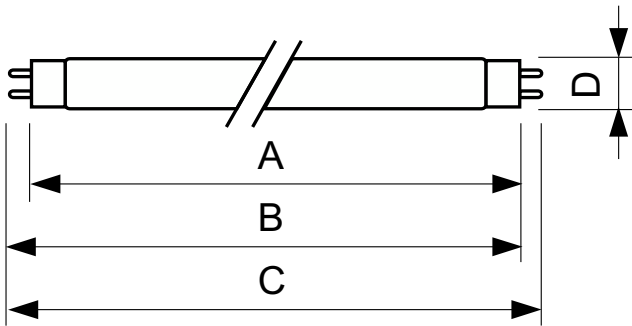
TL-D LIFEMAX Super 80

Versions



LPPR TL-D8G G13 T8

Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|------------|------------|------------|------------|
| 18 W G13 Cool daylight Linear fluorescent tube | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| 18 W G13 Cool white Linear fluorescent tube | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| 18 W G13 Warm white Linear fluorescent tube | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| 36 W G13 Cool daylight Linear fluorescent tube | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| 36 W G13 Cool white Linear fluorescent tube | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| TL-D 36W/840 1SL/25 | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |

| General Information | |
|----------------------------|--------|
| Cap-Base | G13 |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Shape | T8 |
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 2.0 mg |

General Information

| Order Code | Full Product Name | Nominal lifetime |
|--------------|---|------------------|
| 927982284053 | TL-D 36W/840 1SL/25 | - |
| 927980283036 | 18 W G13 Warm white Linear fluorescent tube | 15,000 hour(s) |
| 927980284036 | 18 W G13 Cool white Linear fluorescent tube | 15,000 hour(s) |

| Order Code | Full Product Name | Nominal lifetime |
|--------------|--|------------------|
| 927980286536 | 18 W G13 Cool daylight Linear fluorescent tube | 15,000 hour(s) |
| 927982284036 | 36 W G13 Cool white Linear fluorescent tube | 15,000 hour(s) |
| 927982286536 | 36 W G13 Cool daylight Linear fluorescent tube | 15,000 hour(s) |

Light Technical

TL-D LIFEMAX Super 80

| Order Code | Full Product Name | Color Designation | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|---|-------------------|------------------------------------|-----------------------------|---------------------------------|
| 927982284053 | TL-D 36W/840 1SL/25 | Cool White (CW) | 4000 K | 82 | 90 lm/W |
| 927980283036 | 18 W G13 Warm white Linear fluorescent tube | Warm White (WW) | 3000 K | 83 | 75 lm/W |
| 927980284036 | 18 W G13 Cool white Linear fluorescent tube | Cool White (CW) | 4000 K | 82 | 75 lm/W |
| 927980286536 | 18 W G13 Cool daylight Linear | Cool Daylight | 6500 K | 80 | 71 lm/W |

| Order Code | Full Product Name | Color Designation | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|--|-------------------|------------------------------------|-----------------------------|---------------------------------|
| | fluorescent tube | | | | |
| 927982284036 | 36 W G13 Cool white Linear fluorescent tube | Cool White (CW) | 4000 K | 82 | 90 lm/W |
| 927982286536 | 36 W G13 Cool daylight Linear fluorescent tube | Cool Daylight | 6500 K | 80 | 85 lm/W |

Operating and Electrical

| Order Code | Full Product Name | Lamp | | |
|--------------|--|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 927982284053 | TL-D 36W/840 1SL/25 | 0.440 A | 103 V | 36 W |
| 927980283036 | 18 W G13 Warm white Linear fluorescent tube | 0.360 A | 59 V | 18 W |
| 927980284036 | 18 W G13 Cool white Linear fluorescent tube | 0.360 A | 59 V | 18 W |
| 927980286536 | 18 W G13 Cool daylight Linear fluorescent tube | 0.360 A | 59 V | 18 W |

| Order Code | Full Product Name | Lamp | | |
|--------------|--|---------------|---------------|-------------------|
| | | Current (Nom) | Voltage (Nom) | Power Consumption |
| 927982284036 | 36 W G13 Cool white Linear fluorescent tube | 0.440 A | 103 V | 36 W |
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