PHILIPS Lighting

TL-D LIFEMAX Super 80

TL-D 18W/840 1SL/25

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.

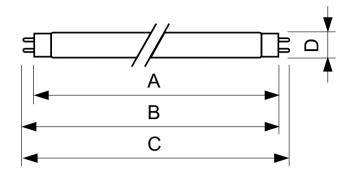
Product data

| General Information | | | | | |
|------------------------------------|---------------------------------|--|--|--|--|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | | | |
| Nominal lifetime | 15,000 hour(s) | | | | |
| Life to 50% Failures (Nom) | 13,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 840 [CCT of 4000K] | | | | |
| Color Designation | Cool White (CW) | | | | |
| Correlated Color Temperature (Nom) | 4000 K | | | | |
| Luminous Efficacy (rated) (Nom) | 75 lm/W | | | | |
| Color rendering index (CRI) | 82 | | | | |
| | | | | | |
| Operating and Electrical | | | | | |
| Power Consumption | 18 W | | | | |
| Lamp Current (Nom) | 0.360 A | | | | |
| Voltage (Nom) | 59 V | | | | |
| Voltage (Nom) | 59 V | | | | |
| | | | | | |
| Controls and Dimming | | | | | |
| Dimmable | Yes | | | | |

| Mechanical and Housing | |
|---------------------------------|---------------------|
| Bulb Shape | Т8 |
| | |
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 2.0 mg |
| | |
| Product Data | |
| Order product name | TL-D 18W/840 1SL/25 |
| Full product name | TL-D 18W/840 1SL/25 |
| Full product code | 871150028560700 |
| Order code | 927980284036 |
| Material Nr. (12NC) | 927980284036 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500285607 |
| Numerator - Packs per outer box | 25 |
| EAN/UPC - Case | 8711500285812 |
| | |

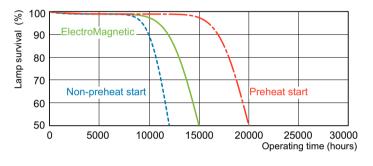
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Dimensional drawing

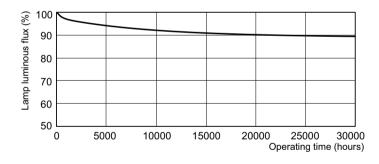


| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------|---------|----------|----------|----------|---------|
| TL-D 18W/840 1SL/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |

Lifetime

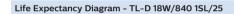






Lumen Maintenance Diagram - TL-D 18W/840 1SL/25

| (%) | 100 | | | | ~ | | | | | |
|---------------|-----|------|------------|-------------|------------|-----|--------------|---------------|----|------------------|
| | 90 | | ElectroMag | netic | | | | | | |
| amp survival- | 30 | | | | | N | | | | |
| Ins | 80 | | | | | | | | | |
| amp | 70 | | | | | | 1 | | | |
| Ľ | 10 | | Non | -preheat st | heat start | | Preheat star | | rt | |
| | 60 | | | | | | | | | |
| | 50 | | | | | | | | | |
| | (| 0 50 | 00 100 | 000 150 | 000 | 200 | | 250 eratin | | 30000 (hours) |



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www.lighting.philips.com 2024, February 1 - data subject to change