PHILIPS Lighting

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

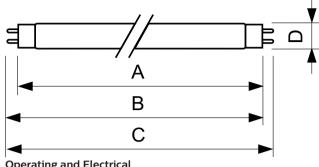
- Highly efficient 3-band fluorescent coating
- \cdot High initial light output compared with standard colors
- \cdot Low mercury dose
- · Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

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

Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|----------------------------|---------|------------|------------|------------|------------|
| 18 W G13 Cool daylight | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| Linear fluorescent tube | | | | | |
| 36 W G13 Cool daylight | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| Linear fluorescent tube | | | | | |
| 36 W G13 Cool white Linear | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| fluorescent tube | | | | | |
| 58 W G13 Cool daylight | 28 mm | 1,500.0 mm | 1,507.1 mm | 1,504.7 mm | 1,514.2 mm |
| Linear fluorescent tube | | | | | |

| oper | acing | unu | Liccu | icui |
|------|-------|-----|-------|------|
| | | | | |
| | | | | |

| General Information | |
|----------------------------|----------------|
| Cap-Base | G13 |
| Nominal lifetime | 15,000 hour(s) |
| | |
| Controls and Dimming | |
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb Shape | Т8 |
| | |
| Approval and Application | |
| Mercury (Hg) Content (Nom) | 2.0 mg |
| | |

Light Technical

| 5 | | | | | | | | | | | |
|--------------|-----------------|-------------|-------------|-----------|----------|--------------|-----------------|-------------|-------------|-----------|----------|
| | | | Correlated | Color | Luminous | | | | Correlated | Color | Luminous |
| | | | Color | rendering | Efficacy | | | | Color | rendering | Efficacy |
| | Full Product | Color | Temperature | index | (rated) | | Full Product | Color | Temperature | index | (rated) |
| Order Code | Name | Designation | (Nom) | (CRI) | (Nom) | Order Code | Name | Designation | (Nom) | (CRI) | (Nom) |
| 927980286536 | 18 W G13 Cool | Cool | 6500 K | 80 | 71 lm/W | | fluorescent | | | | |
| | daylight Linear | Daylight | | | | | tube | | | | |
| | fluorescent | | | | | 927982286536 | 36 W G13 Cool | Cool | 6500 K | 80 | 85 lm/W |
| | tube | | | | | | daylight Linear | Daylight | | | |
| 927982284036 | 36 W G13 Cool | Cool White | 4000 K | 82 | 90 lm/W | | fluorescent | | | | |
| | white Linear | (CW) | | | | | tube | | | | |
| | | | | | | | | | | | |



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