



Product Description

MASTER TL-D Super 80

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Benefits

- · Special fluorescent coating gives good colour 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 in combination with New Generation pre-coating technology
- · High initial light output
- Available in varying colour designations
- Low mercury dose

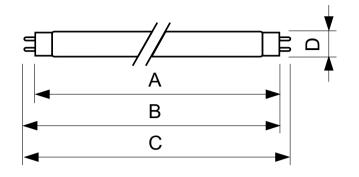
Application

• 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.

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 18W/840 1SL/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| TL-D 18W/865 1SL/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |
| TL-D 36W/830 1SL/25 | 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 |
| TL-D 36W/850 1SL/25 | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| TL-D 36W/865 1SL/25 | 28 mm | 1,199.4 mm | 1,206.5 mm | 1,204.1 mm | 1,213.6 mm |
| TL-D 58W/840 1SL/25 | 28 mm | 1,500.0 mm | 1,507.1 mm | 1,504.7 mm | 1,514.2 mm |
| TL-D 58W/865 1SL/25 | 28 mm | 1,500.0 mm | 1,507.1 mm | 1,504.7 mm | 1,514.2 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 |
| | |

Light Technical

| | | | Correlated Color | Color rendering | Luminous Efficacy |
|--------------|--------------|---------------|---------------------|--------------------|----------------------|
| | Full Product | Color | Temperature | index | (rated) |
| Order Code | Name | Designation | (Nom) | (CRI) | (Nom) |
| 927981184024 | TL-D | Cool White | 4000 K | 82 | 75 lm/W |
| | 18W/840 | (CW) | | | |
| | 1SL/25 | | | | |
| 927981186524 | TL-D | Cool Daylight | 6500 K | 80 | 71 lm/W |
| | 18W/865 | | | | |
| | 1SL/25 | | | | |
| 927981383024 | TL-D | Warm White | 3000 K | 83 | 90 lm/W |
| | 36W/830 | (WW) | | | |
| | 1SL/25 | | | | |
| 927981384024 | TL-D | Cool White | 4000 K | 82 | 90 lm/W |
| | 36W/840 | (CW) | | | |
| | 1SL/25 | | | | |

| Order Code | Full Product | Color Designation | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) |
|--------------|---------------------------|----------------------|------------------------------------|--------------------------------------|---------------------------------|
| 927981385024 | TL-D 36W/850 1SL/25 | Daylight | 5000 K | 80 | 88 lm/W |
| 927981386524 | TL-D 36W/865 1SL/25 | Cool Daylight | 6500 K | 80 | 85 lm/W |
| 927981584024 | TL-D 58W/840 1SL/25 | Cool White (CW) | 4000 K | 82 | 89 lm/W |
| 927981586524 | TL-D 58W/865 1SL/25 | Cool Daylight | 6500 K | 80 | 83 lm/W |

Operating and Electrical

| | | Lamp | | |
|--------------|---------------------|---------|---------|-------------|
| | | Current | Voltage | Power |
| Order Code | Full Product Name | (Nom) | (Nom) | Consumption |
| 927981184024 | TL-D 18W/840 1SL/25 | 0.360 A | 59 V | 18 W |
| 927981186524 | TL-D 18W/865 1SL/25 | 0.360 A | 59 V | 18 W |

| | | Lamp | | |
|--------------|---------------------|---------|---------|-------------|
| | | Current | Voltage | Power |
| Order Code | Full Product Name | (Nom) | (Nom) | Consumption |
| 927981383024 | TL-D 36W/830 1SL/25 | 0.440 A | 103 V | 36 W |
| 927981384024 | TL-D 36W/840 1SL/25 | 0.440 A | 103 V | 36 W |

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| | | Lamp | | |
|--------------|---------------------|---------|---------|-------------|
| | | Current | Voltage | Power |
| Order Code | Full Product Name | (Nom) | (Nom) | Consumption |
| 927981385024 | TL-D 36W/850 1SL/25 | 0.440 A | 103 V | 36 W |
| 927981386524 | TL-D 36W/865 1SL/25 | 0.440 A | 103 V | 36 W |

| | | Lamp | | |
|--------------|---------------------|---------|---------|-------------|
| | | Current | Voltage | Power |
| Order Code | Full Product Name | (Nom) | (Nom) | Consumption |
| 927981584024 | TL-D 58W/840 1SL/25 | 0.670 A | 111 V | 58 W |
| 927981586524 | TL-D 58W/865 1SL/25 | 0.670.Δ | 111 V | 58 W |



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