



Small size fluorescent lamp

TL Mini Standard Colours

This TL Miniature lamp (tube diameter 16 mm) is a lamp with small dimensions, which enables system miniaturization and offers the possibility of operation on low-voltage DC supply. It is ideal for applications where space is limited but where color rendering and efficacy are not the most important factors, such as orientation, signage and emergency lighting.

Benefits

- Creates atmospheres from warm white to cool daylight

Features

- 16 mm diameter tubes with moderate color rendering

Application

- Ideal for applications where space is limited and color rendering is not important
- Orientation lighting
- Emergency lighting

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.

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Approval and application

| | |
|----------------------------|--------|
| Mercury (Hg) Content (Max) | 2.5 mg |
| Mercury (Hg) Content (Nom) | 4.4 mg |

Controls and dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

General information

| | |
|--------------------|----|
| Cap-Base | G5 |
| System Description | na |

Light technical

| | |
|---------------------------------|------|
| Lumen Maintenance 10000 h (Nom) | 58 % |
| Lumen Maintenance 5000 h (Nom) | 70 % |

Mechanical and housing

| | |
|------------|----|
| Bulb Shape | T5 |
|------------|----|

Approval and application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|------------|-----------------------------------|-------------------------------|
| 61568827 | TL Mini 4W/33-640 FAM/10X25BOX | 5 kWh |
| 71583827 | TL Mini 6W/33-640 na FAM/10X25BOX | 6 kWh |
| 71628627 | TL Mini 8W/54-765 FAM/10X25BOX | 8 kWh |
| 70475727 | TL Mini 13W/33-640 FAM/10X25BOX | 14 kWh |
| 71671227 | TL Mini 13W/54-765 1FM/10X25CC | 14 kWh |

Operating and electrical

| Order Code | Full Product Name | Lamp Current (Nom) | Voltage (Nom) | Power (Nom) |
|------------|-----------------------------------|--------------------|---------------|-------------|
| 61568827 | TL Mini 4W/33-640 FAM/10X25BOX | 0.170 A | 29 V | 4.5 W |
| 71583827 | TL Mini 6W/33-640 na FAM/10X25BOX | 0.160 A | 42 V | 6.0 W |
| 71628627 | TL Mini 8W/54-765 FAM/10X25BOX | 0.145 A | 56 V | 7.1 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Voltage (Nom) | Power (Nom) |
|------------|---------------------------------|--------------------|---------------|-------------|
| 70475727 | TL Mini 13W/33-640 FAM/10X25BOX | 0.170 A | 90 V | 13.1 W |
| 71671227 | TL Mini 13W/54-765 1FM/10X25CC | 0.170 A | 90 V | 13.1 W |

General information

| Order Code | Full Product Name | Life To 50% Failures Preheat (Nom) | Life To 10% Failures (Nom) | Life To 50% Failures (Nom) |
|------------|-----------------------------------|------------------------------------|----------------------------|----------------------------|
| 61568827 | TL Mini 4W/33-640 FAM/10X25BOX | 10000 h | 5000 h | 10000 h |
| 71583827 | TL Mini 6W/33-640 na FAM/10X25BOX | 10000 h | 5000 h | 10000 h |
| 71628627 | TL Mini 8W/54-765 FAM/10X25BOX | 10000 h | 5000 h | 10000 h |

| Order Code | Full Product Name | Life To 50% Failures Preheat (Nom) | Life To 10% Failures (Nom) | Life To 50% Failures (Nom) |
|------------|---------------------------------|------------------------------------|----------------------------|----------------------------|
| 70475727 | TL Mini 13W/33-640 FAM/10X25BOX | 8000 h | 4000 h | 8000 h |
| 71671227 | TL Mini 13W/54-765 1FM/10X25CC | 8000 h | 4000 h | 8000 h |

Light technical (1/2)

| Order Code | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Colour Code | Colour Designation |
|------------|-----------------------------------|---------------------------------|---------------------------------|-------------|--------------------|
| 61568827 | TL Mini 4W/33-640 FAM/10X25BOX | 0.38 | 0.38 | 33-640 | Cool White (CW) |
| 71583827 | TL Mini 6W/33-640 na FAM/10X25BOX | 0.38 | 0.38 | 33-640 | Cool White (CW) |

| Order Code | Full Product Name | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Colour Code | Colour Designation |
|------------|---------------------------------|---------------------------------|---------------------------------|-------------|--------------------|
| 71628627 | TL Mini 8W/54-765 FAM/10X25BOX | 0.313 | 0.337 | 54-765 | Cool Daylight |
| 70475727 | TL Mini 13W/33-640 FAM/10X25BOX | 0.38 | 0.38 | 33-640 | Cool White (CW) |

TL Mini Standard Colours

| Order Code | Full Product Name | Chromaticity | Chromaticity | Colour | Colour |
|------------|--|--------------------|--------------------|--------|---------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | Code | Designation |
| 71671227 | TL Mini 13W/ 54-765 1FM/ 10X25CC | 0.313 | 0.337 | 54-765 | Cool Daylight |

Light technical (2/2)

| Order Code | Full Product Name | Correlated Colour | Colour | Lumen | Luminous | Luminous |
|------------|---|-------------------|-----------------------|-------------------|------------------------|---------------------|
| | | Temperature (Nom) | Rendering Index (Nom) | Maintenance (Nom) | Efficacy (rated) (Nom) | Luminous Flux (Nom) |
| 61568827 | TL Mini 4W/ 33-640 FAM/ 10X25BOX | 4000 K | 58 | 70 % | 35 lm/W | 130 lm |
| 71583827 | TL Mini 6W/ 33-640 na FAM/ 10X25BOX | 4000 K | 59 | 75 % | 43 lm/W | 260 lm |
| 71628627 | TL Mini 8W/ 54-765 | 6500 K | 72 | 80 % | 48 lm/W | 335 lm |

| Order Code | Full Product Name | Correlated Colour | Colour | Lumen | Luminous | Luminous |
|------------|---|-------------------|-----------------------|-------------------|------------------------|---------------------|
| | | Temperature (Nom) | Rendering Index (Nom) | Maintenance (Nom) | Efficacy (rated) (Nom) | Luminous Flux (Nom) |
| | FAM/ 10X25BOX | | | | | |
| 70475727 | TL Mini 13W/ 33-640 FAM/ 10X25BOX | 4000 K | 59 | 85 % | 71 lm/W | 835 lm |
| 71671227 | TL Mini 13W/ 54-765 1FM/ 10X25CC | 6500 K | 72 | 85 % | 57 lm/W | 740 lm |

