



# MASTER TL Mini Super 80

## MASTER TL Mini Super 80 6W/840 FAM/10X25BOX

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 better color rendering and efficacy (than standard colors) are required and where space is limited, e.g. halls, staircase lighting in apartment buildings, built into furniture, mirror and cupboard lighting, signage and 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.

### Product data

| General Information                |                     | Operating and Electrical           |         |
|------------------------------------|---------------------|------------------------------------|---------|
| Cap-Base                           | G5 [ G5]            | Lumen Maintenance 2000 h (Nom)     | 85 %    |
| Life To 10% Failures (Nom)         | 5000 h              | Lumen Maintenance 5000 h (Nom)     | 77 %    |
| Life to 50% Failures (Nom)         | 10000 h             | Chromaticity Coordinate X (Nom)    | 0.38    |
| Life to 50% Failures Preheat (Nom) | 10000 h             | Chromaticity Coordinate Y (Nom)    | 0.38    |
| Flux measurement reference         | Sphere              | Correlated Color Temperature (Nom) | 4000 K  |
| Light Technical                    |                     | Luminous Efficacy (rated) (Nom)    | 53 lm/W |
| Color Code                         | 840 [ CCT of 4000K] | Color Rendering Index (Nom)        | 82      |
| Luminous Flux (Nom)                | 310 lm              | Power (Nom)                        | 6.0 W   |
| Color Designation                  | Cool White (CW)     | Lamp Current (Nom)                 | 0.160 A |
| Lumen Maintenance 10000 h (Nom)    | 71 %                |                                    |         |

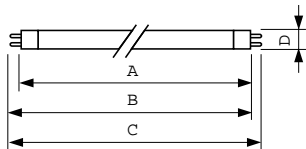
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|                                 |                  |
|---------------------------------|------------------|
| Voltage (Nom)                   | 42 V             |
| <b>Controls and Dimming</b>     |                  |
| Dimmable                        | Yes              |
| <b>Mechanical and Housing</b>   |                  |
| Bulb Shape                      | T5 [ 16 mm (T5)] |
| <b>Approval and Application</b> |                  |
| Energy Efficiency Class         | G                |
| Mercury (Hg) Content (Max)      | 2.5 mg           |
| Mercury (Hg) Content (Nom)      | 3.0 mg           |
| Energy Consumption kWh/1000 h   | 6 kWh            |
| EPREL Registration Number       | 423489           |

## Product Data

|                                 |   |
|---------------------------------|---|
| Full product code               | 871150089342027                             |
| Order product name              | MASTER TL Mini Super 80 6W/840 FAM/10X25BOX |
| EAN/UPC - Product               | 8711500893420                               |
| Order code                      | 928000584050                                |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 250   |
| Material Nr. (12NC)             | 928000584050                                |
| Net Weight (Piece)              | 19.280 g                                    |
| ILCOS Code                      | FD-6/40/1B-E-G5                             |

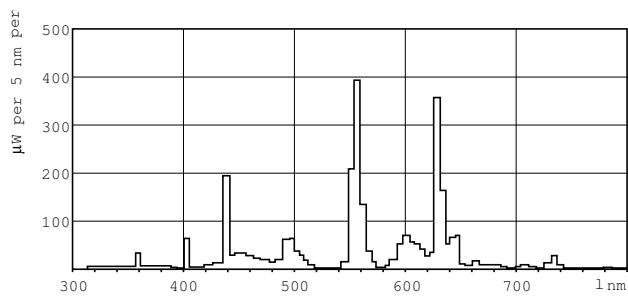
## Dimensional drawing



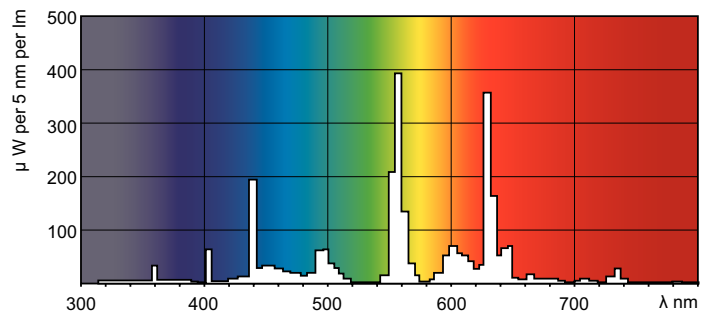
| Product                                     | D (max) | A (max)  | B (max)  | B (min)  | C (max)  |
|---|---------|----------|----------|----------|----------|
| MASTER TL Mini Super 80 6W/840 FAM/10X25BOX | 16 mm   | 212.1 mm | 219.2 mm | 216.8 mm | 226.3 mm |

## TL 6W/840

## Photometric data



LDPB\_TL8MINI\_840-Spectral power distribution B/W



LDPO\_TL8MINI\_840-Spectral power distribution Colour

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