



# MASTER TL Mini Super 80

MASTER TL Mini Super 80 8W/840 1FM

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

## Product data

### • General Characteristics

|                                |            |
|--------------------------------|------------|
| Cap-Base                       | G5         |
| Bulb                           | T5 [16 mm] |
| Life to 10% failures EM        | 5000 hr    |
| Life to 10% fail Preheat EL,3h | 5000 hr    |
| Life to 10% fail Nonpreh EL,3h | 3000 hr    |
| Life to 50% failures EM        | 10000 hr   |
| Life to 50% fail Preheat EL,3h | 10000 hr   |
| Life to 50% fail Nonpreh EL,3h | 7000 hr    |

### • Light Technical Characteristics

|                           |                         |
|---------------------------|-------------------------|
| Colour Code               | 840 [CCT of 4000K]      |
| Colour Rendering Index    | 85 Ra8                  |
| Colour Designation        | Cool White              |
| Colour Temperature        | 4000 K                  |
| Lamp Luminous Flux EM     | 470 Lm                  |
| Lamp Luminous Efficacy EM | 59 Lm/W                 |
| Lumen Maintenance 2000h   | 85 %                    |
| Lumen Maintenance 5000h   | 77 %                    |
| Lumen Maintenance 10000h  | 71 %                    |
| Average Luminance EM      | 1.05 cd/cm <sup>2</sup> |
| Chromaticity Coordinate X | 381 -                   |

Chromaticity Coordinate Y 379 -

### • Electrical Characteristics

|                 |        |
|-----------------|--------|
| Lamp Wattage    | 8 W    |
| Lamp Wattage EM | 7.1 W  |
| Lamp Voltage    | 56 V   |
| Lamp Current EM | 0.15 A |
| Dimmable        | yes    |

### • Environmental Characteristics

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content          | 3.0 mg |
| Energy consumption kWh/1000h  | 8 kWh  |

### • Product Dimensions

|                          |                             |
|--------------------------|-----------------------------|
| Base Face to Base Face A | 288.3 (max) mm              |
| Insertion Length B       | 293.0 (min), 295.4 (max) mm |
| Overall Length C         | 302.5 (max) mm              |
| Diameter D               | 16 (max) mm                 |

### • Product Data

|                       |                                    |
|-----------------------|------------------------------------|
| Order code            | 716422 27                          |
| Full product code     | 871150071642227                    |
| Full product name     | MASTER TL Mini Super 80 8W/840 1FM |
| Order product name    | MST TL Mini 8W/840 1FM/10X25CC     |
| Pieces per pack       | 1                                  |
| Packing configuration | 10X25CC                            |

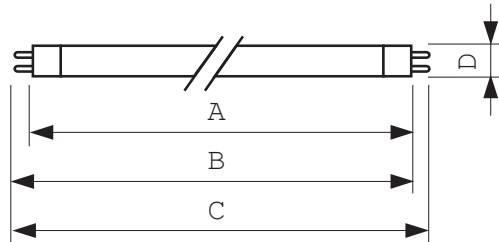
# PHILIPS

# MASTER TL Mini Super 80

Packs per outerbox 250  
 Bar code on pack - EAN1 8711500716422  
 Bar code on intermediate packing - EAN2 8711500716439

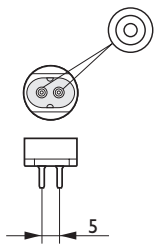
Bar code on outerbox - EAN3 8711500716446  
 Logistic code(s) - 12NC 928001008450  
 ILCOS code FD-8/40/1B-E-G5  
 Net weight per piece 22.210 gr

## Dimensional drawing



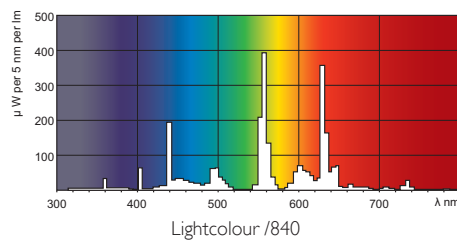
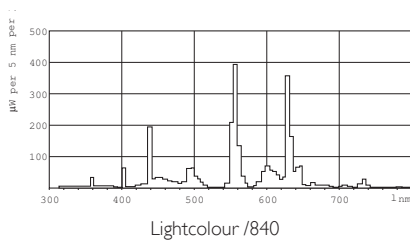
## MASTER TL Mini Super 80 8W/840 1FM

| Product   | A (Max) | B (Min) | B (Max) | C (Max) | D (Max) |
|-----------|---------|---------|---------|---------|---------|
| TL 8W/840 | 288.3   | 293.0   | 295.4   | 302.5   | 16      |



G5

## Photometric data



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2014, October 31  
 data subject to change