



# MASTER TL Mini Super 80

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

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.

### 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

Color Code	840 [CCT of 4000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool White
Color Temperature	4000 K
Luminous Flux Lamp EM	470 Lm
Luminous Efficacy Lamp EM	59 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	77 %
Lumen Maintenance 10000h	71 %
Luminance Average 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	928001008450
Full product code	928001008450
Full product name	MASTER TL Mini Super 80 8W/840 1FM
Order product name	MST TL Mini 8W/840 1FM/10X25CC

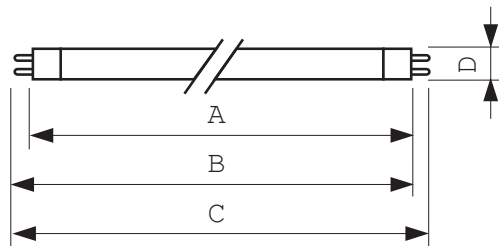
# PHILIPS

# MASTER TL Mini Super 80

Pieces per pack 1  
 Packing configuration 10X25CC  
 Packs per outerbox 250  
 Bar code on pack - EAN1 8711500716422  
 Bar code on intermediate packing - EAN2 8711500716439

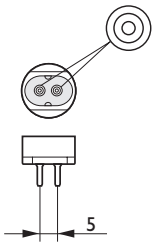
Bar code on outerbox - EAN3 8711500716446  
 Logistic code(s) - 12NC 928001008450  
 ILCOS code FD-8/40/1B-E-G5  
 Net weight per piece 22.210 gr

## Dimensional drawing



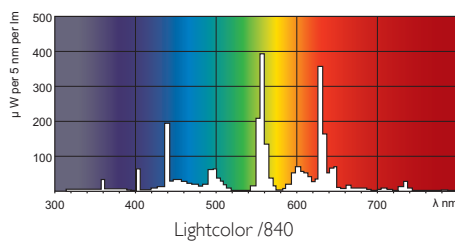
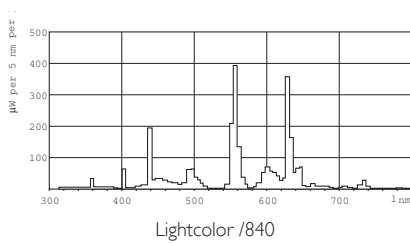
## MASTER TL Mini Super 80 8W/840 1FM

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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[www.philips.com/lighting](http://www.philips.com/lighting)

2014, October 31  
 data subject to change