



MASTER TL Mini Super 80

MASTER TL Mini Super 80 13W/827 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	4000 hr
Life to 10% fail Preheat EL,3h	4000 hr
Life to 10% fail Nonpreh EL,3h	3000 hr
Life to 50% failures EM	8000 hr
Life to 50% fail Preheat EL,3h	8000 hr
Life to 50% fail Nonpreh EL,3h	6000 hr

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	82 Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux Lamp EM	1000 Lm
Luminous Efficacy Lamp EM	77 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	77 %
Lumen Maintenance 10000h	71 %
Luminance Average EM	1.20 cd/cm ²

Chromaticity Coordinate X	467 -
Chromaticity Coordinate Y	418 -

• Electrical Characteristics

Lamp Wattage	13 W
Lamp Wattage EM	13.0 W
Lamp Voltage	90 V
Lamp Current EM	0.170 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	4.4 mg
Energy consumption kWh/1000h	14 kWh

• Product Dimensions

Base Face to Base Face A	516.9 (max) mm
Insertion Length B	521.6 (min), 524.0 (max) mm
Overall Length C	531.1 (max) mm
Diameter D	16 (max) mm

• Product Data

Order code	928001508250
Full product code	928001508250
Full product name	MASTER TL Mini Super 80 13W/827 1FM

PHILIPS

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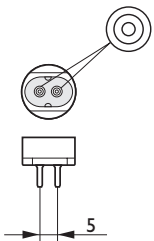
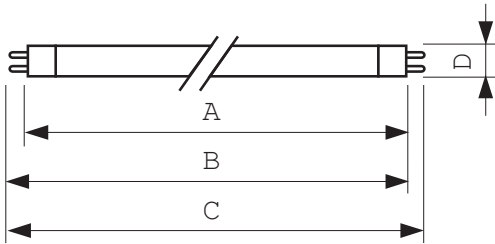
Order product name MST TL Mini 13W/827 1FM/
10X25CC
Pieces per pack 1
Packing configuration 10X25CC
Packs per outerbox 250
Bar code on pack -
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Bar code on inter-
mediate packing -
EAN2 8711500706423

Bar code on
outerbox - EAN3 8711500716798
Logistic code(s) -
12NC 928001508250
ILCOS code FD-13/27/1B-E-G5
Net weight per piece 40.200 gr

Dimensional drawing

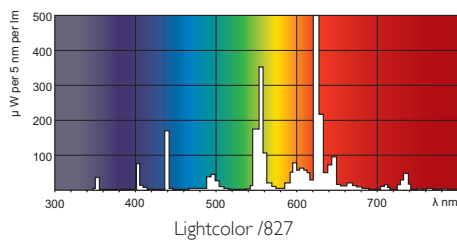
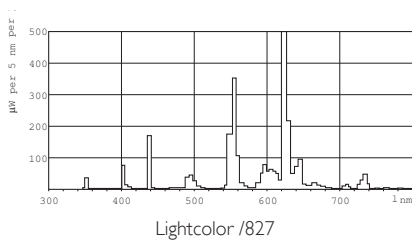
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL 13W/827	516.9	521.6	524.0	531.1	16



G5

Photometric data





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2013, October 10
data subject to change