



MASTER TL Mini Super 80

MASTER TL Mini Super 80 8W/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	5000 hr
Life to 10% fail	5000 hr
Preheat EL,3h	
Life to 10% fail	3000 hr
Nonpreh EL,3h	
Life to 50% failures EM	10000 hr
Life to 50% fail	10000 hr
Preheat EL,3h	
Life to 50% fail	7000 hr
Nonpreh EL,3h	

• 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	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/cm2

Chromaticity Coordinate X	469 -
Chromaticity Coordinate Y	416 -

• 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	4.4 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	928001008250
Full product code	928001008250
Full product name	MASTER TL Mini Super 80 8W/827 1FM
Order product name	MST TL Mini 8W/827 1FM/10X25CC

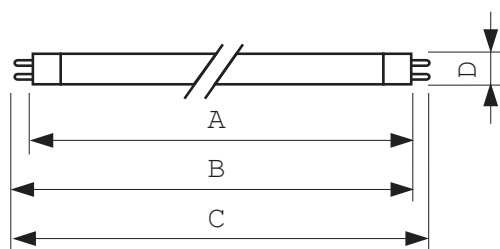
PHILIPS

MASTER TL Mini Super 80

Pieces per pack 1
 Packing configuration 10X25CC
 Packs per outerbox 250
 Bar code on pack - EAN1 8711500704740
 Bar code on intermediate packing - EAN2 8711500706416

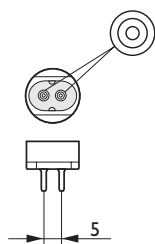
Bar code on outerbox - EAN3 8711500716361
 Logistic code(s) - 12NC 928001008250
 ILCOS code FD-8/27/1B-E-G5
 Net weight per piece 27.000 gr

Dimensional drawing



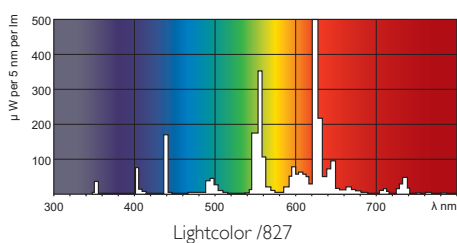
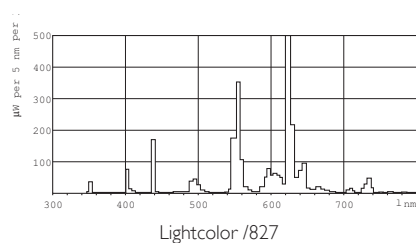
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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL 8W/827	288.3	293.0	295.4	302.5	16



G5

Photometric data



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2013, June 27
 data subject to change