



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

MASTER TL Mini Super 80

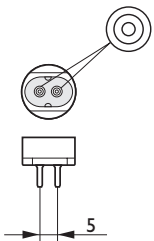
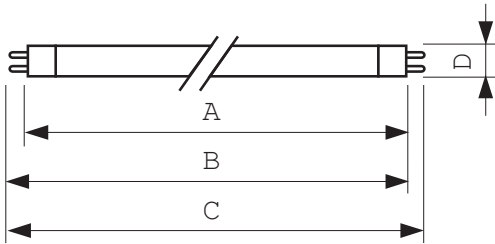
Order product name MST TL Mini 13W/827 1FM/
10X25CC
Pieces per pack 1
Packing configuration 10X25CC
Packs per outerbox 250
Bar code on pack -
EAN1 8711500704764
Bar code on inter-
mediate packing -
EAN2 8711500706423

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

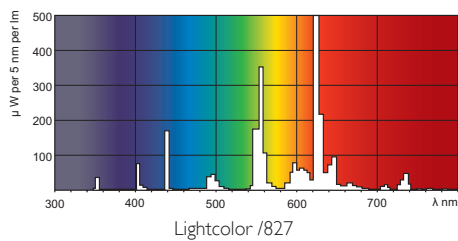
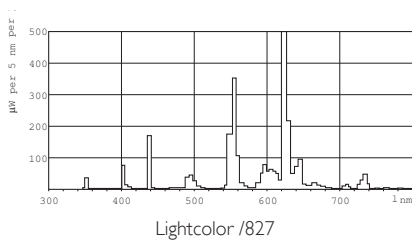
MASTER TL Mini Super 80 13W/827 1FM

| 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





© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of
Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, October 31
data subject to change