



Product Description

MASTER TL Mini Super 80

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

Benefits

- Good colour rendering
- High efficacy, both initially and during lamp lifetime, with high lumen maintenance compared with standard lamps
- Small lamp dimensions enables system miniaturisation

Features

- 16 mm diameter tubes with high-quality fluorescent coating

Application

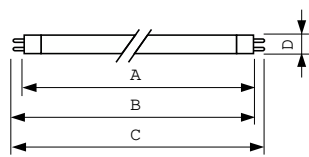
- Ideal for applications where space is limited but requiring better colour rendering and efficacy than standard colours:
- hall and staircase lighting in apartment buildings
- built into furniture, mirror and cupboard lighting
- emergency lighting

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MST TL Mini 13W/827 FAM/10X25BOX	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
MST TL Mini 13W/830 FAM/10X25BOX	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
MST TL Mini 13W/840 FAM/10X25BOX	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
MST TL Mini 8W/827 FAM/10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
MST TL Mini 8W/830 FAM/10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
MST TL Mini 8W/840 FAM/10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm

General Information	
Cap-Base	G5
Light Technical	
Color rendering index (CRI)	82
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Max)	2.5 mg
Mercury (Hg) Content (Nom)	3.0 mg

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	(rated) (Nom)	
70474027	MASTER TL Mini Super 80 8W/827 1FM/10X25CC	0.463	0.42	Incandescent White	2700 K	59 lm/W	450 lm
71638527	MASTER TL Mini Super 80 8W/830 1FM/10X25CC	0.44	0.403	Warm White (WW)	3000 K	59 lm/W	450 lm
71642227	MASTER TL Mini Super 80 8W/840 1FM/10X25CC	0.38	0.38	Cool White (CW)	4000 K	59 lm/W	450 lm
70476427	MASTER TL Mini Super 80 13W/827 1FM/10X25CC	0.463	0.42	Incandescent White	2700 K	77 lm/W	1,000 lm
71681127	MASTER TL Mini Super 80 13W/830 1FM/10X25CC	0.44	0.403	Warm White (WW)	3000 K	77 lm/W	1,000 lm
71685927	MASTER TL Mini Super 80 13W/840 1FM/10X25CC	0.38	0.38	Cool White (CW)	4000 K	77 lm/W	1,000 lm

Operating and Electrical

MASTER TL Mini Super 80

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
70474027	MASTER TL Mini Super 80 8W/827 1FM/10X25CC	0.145 A	56 V	7.1 W
71638527	MASTER TL Mini Super 80 8W/830 1FM/10X25CC	0.145 A	56 V	7.1 W
71642227	MASTER TL Mini Super 80 8W/840 1FM/10X25CC	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
70476427	MASTER TL Mini Super 80 13W/827 1FM/10X25CC	0.170 A	90 V	13.1 W
71681127	MASTER TL Mini Super 80 13W/830 1FM/10X25CC	0.170 A	90 V	13.1 W
71685927	MASTER TL Mini Super 80 13W/840 1FM/10X25CC	0.170 A	90 V	13.1 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
70474027	MASTER TL Mini Super 80 8W/827 1FM/ 10X25CC	8 kWh
71638527	MASTER TL Mini Super 80 8W/830 1FM/ 10X25CC	8 kWh
71642227	MASTER TL Mini Super 80 8W/840 1FM/ 10X25CC	8 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
70476427	MASTER TL Mini Super 80 13W/827 1FM/ 10X25CC	14 kWh
71681127	MASTER TL Mini Super 80 13W/830 1FM/ 10X25CC	14 kWh
71685927	MASTER TL Mini Super 80 13W/840 1FM/ 10X25CC	14 kWh

