



Small size fluorescent lamp with improved light quality

MASTER TL Mini Super 80

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.

Benefits

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

Features

- Small diameter tubes
- Highly efficient 3-band fluorescent coating
- Possibility for operation on low-voltage DC supply

Application

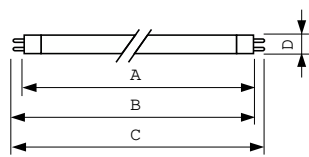
- Ideal for applications where space is limited and requiring better color rendering and efficacy than standard colors, i.e.: hall and staircase lighting in apartment buildings, built into furniture, mirror and cupboard lighting, emergency lighting

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 6W/840 FAM/10X25BOX	16 mm	212.1 mm	219.2 mm	216.8 mm	226.3 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)	
928000584050	MST TL Mini 6W/840 FAM/10X25BOX	0.38	0.38	Cool White (CW)	4000 K	53 lm/W	310 lm
928001008250	MST TL Mini 8W/827 FAM/10X25BOX	0.463	0.42	Incandescent White	2700 K	59 lm/W	450 lm
928001008350	MST TL Mini 8W/830 FAM/10X25BOX	0.44	0.403	Warm White (WW)	3000 K	59 lm/W	450 lm
928001008450	MST TL Mini 8W/840 FAM/10X25BOX	0.38	0.38	Cool White (CW)	4000 K	59 lm/W	450 lm
928001508250	MST TL Mini 13W/827 FAM/10X25BOX	0.463	0.42	Incandescent White	2700 K	77 lm/W	1,000 lm
928001508350	MST TL Mini 13W/830 FAM/10X25BOX	0.44	0.403	Warm White (WW)	3000 K	77 lm/W	1,000 lm
928001508450	MST TL Mini 13W/840 FAM/10X25BOX	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)		
928000584050	MST TL Mini 6W/840 FAM/10X25BOX	0.160 A	42 V	6.0 W
928001008250	MST TL Mini 8W/827 FAM/10X25BOX	0.145 A	56 V	7.1 W
928001008350	MST TL Mini 8W/830 FAM/10X25BOX	0.145 A	56 V	7.1 W
928001008450	MST TL Mini 8W/840 FAM/10X25BOX	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power Consumption
		Current (Nom)		
928001508250	MST TL Mini 13W/827 FAM/10X25BOX	0.170 A	90 V	13.1 W
928001508350	MST TL Mini 13W/830 FAM/10X25BOX	0.170 A	90 V	13.1 W
928001508450	MST TL Mini 13W/840 FAM/10X25BOX	0.170 A	90 V	13.1 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
928000584050	MST TL Mini 6W/840 FAM/10X25BOX	6 kWh
928001008250	MST TL Mini 8W/827 FAM/10X25BOX	8 kWh
928001008350	MST TL Mini 8W/830 FAM/10X25BOX	8 kWh
928001008450	MST TL Mini 8W/840 FAM/10X25BOX	8 kWh

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
928001508250	MST TL Mini 13W/827 FAM/10X25BOX	14 kWh
928001508350	MST TL Mini 13W/830 FAM/10X25BOX	14 kWh
928001508450	MST TL Mini 13W/840 FAM/10X25BOX	14 kWh

