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.
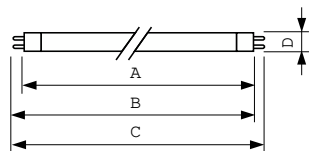
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MASTER TL Mini Super 80

Versions

LPPR TL8MINI

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
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/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 Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
70474027	MASTER TL Mini Super 80 8W/827 1FM/ 10X25CC	0.463	0.42	Incandescent White	2700 K	59 lm/W	450 lm

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Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
71642227	MASTER TL Mini Super 80 8W/840 1FM/10X25CC	0.38	0.38	Cool White (CW)	4000 K	59 lm/W	450 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

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
70474027	MASTER TL Mini Super 80 8W/827 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 Current (Nom)	Voltage (Nom)	Power Consumption
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
71642227	MASTER TL Mini Super 80 8W/840 1FM/10X25CC	8 kWh

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