PHILIPS Lighting



Small size fluorescent lamp with improved light quality for Emergency Lighting

MASTER TL Mini Super 80 Emergency Lighting

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. Main application is for Emergency lighting.

Benefits

- \cdot 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

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

Application

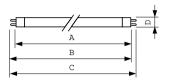
• Ideal for applications where space is limited and requiring better color rendering and efficacy than standard colors, dedicated for Emergency lighting

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.

MASTER TL Mini Super 80 Emergency Lighting

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MST TL Mini 6W/840 FAM/	16 mm	212.1 mm	219.2 mm	216.8 mm	226.3 mm
10X25BOX					
MST TL Mini 8W/827 FAM/	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
10X25BOX					
MST TL Mini 8W/840 FAM/	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
10X25BOX					

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

		Chromaticity	Chromaticity		Correlated Color	Luminous Efficacy	
Order Code	Full Product Name	Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)	(rated) (Nom)	Luminous Flux
928000584050	MST TL Mini 6W/840 FAM/	0.38	0.38	Cool White (CW)	4000 K	53 lm/W	310 lm
	10X25BOX						
928001008250	MST TL Mini 8W/827 FAM/	0.463	0.42	Incandescent White	2700 K	59 lm/W	450 lm
	10X25BOX						
928001008450	MST TL Mini 8W/840 FAM/	0.38	0.38	Cool White (CW)	4000 K	59 lm/W	450 lm
	10X25BOX						

Operating and Electrical

Lamp				Lam	р	ıp			
		Current	Voltage	Power			Current	:	Voltage
Order Code	Full Product Name	(Nom)	(Nom)	Consumption	Order Code	Full Product Name	(Nom)		(Nom)
928000584050	MST TL Mini 6W/840	0.160 A	42 V	6.0 W	928001008450	MST TL Mini 8W/840	0.145 A		56 V
	FAM/10X25BOX					FAM/10X25BOX			
928001008250	MST TL Mini 8W/827	0.145 A	56 V	7.1 W					
	FAM/10X25BOX								

Approval and Application

MASTER TL Mini Super 80 Emergency Lighting

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

		Energy Consumption kWh/		
Order Code	Full Product Name	1000 h		
928001008450	MST TL Mini 8W/840 FAM/10X25BOX	8 kWh		



© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2025, April 1 - data subject to change