



Small size fluorescent lamp

TL Mini Standard Colours

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 space is limited but where color rendering and efficacy are not the most important factors, such as orientation, signage and emergency lighting.

Benefits

- Creates atmospheres from warm white to cool daylight

Features

- 16 mm diameter tubes with moderate color rendering

Application

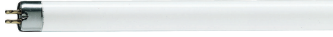
- Ideal for applications where space is limited and color rendering is not important
- Orientation lighting
- Emergency lighting

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.

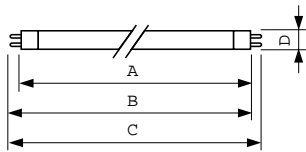
TL Mini Standard Colours

Versions



G5, T5

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL Mini 13W/33-640 FAM/10X25BOX	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
TL Mini 8W/33-640 FAM/ 10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
TL Mini 13W/54-765 FAM/10X25BOX	16 mm	516.9 mm	524.0 mm	521.6 mm	531.1 mm
TL Mini 4W/33-640 FAM/ 10X25BOX	16 mm	135.9 mm	143.0 mm	140.6 mm	150.1 mm
TL Mini 6W/33-640 FAM/ 10X25BOX	16 mm	212.1 mm	219.2 mm	216.8 mm	226.3 mm
TL Mini 8W/54-765 FAM/ 10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm
TL Mini 8W/54-765 FAM/ 10X25BOX	16 mm	288.3 mm	295.4 mm	293.0 mm	302.5 mm

Approval and Application

Mercury (Hg) Content (Nom) 4.4 mg

Controls and Dimming

Dimmable Yes

General Information

Cap-Base G5

System Description -

Mechanical and Housing

Bulb Shape T5

Approval and Application

TL Mini Standard Colours

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
927974105401	TL Mini 8W/54-765 FAM/10X25BOX	8 kWh	-
928000003340	TL Mini 4W/33-640 FAM/10X25BOX	5 kWh	2.5 mg
928000503340	TL Mini 6W/33-640 FAM/10X25BOX	6 kWh	2.5 mg
928001003318	TL Mini 8W/33-640 FAM/10X25BOX	8 kWh	2.5 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Max)
928001005440	TL Mini 8W/54-765 FAM/10X25BOX	8 kWh	2.5 mg
928001503340	TL Mini 13W/33-640 FAM/10X25BOX	14 kWh	2.5 mg
928001505440	TL Mini 13W/54-765 FAM/10X25BOX	14 kWh	2.5 mg

Operating and Electrical

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power
		Current (Nom)		(Rated) (Nom)
927974105401	TL Mini 8W/54-765 FAM/10X25BOX	0.145 A	127 V	8 W
928000003340	TL Mini 4W/33-640 FAM/10X25BOX	0.170 A	29 V	4.5 W
928000503340	TL Mini 6W/33-640 FAM/10X25BOX	0.160 A	42 V	6.0 W
928001003318	TL Mini 8W/33-640 FAM/10X25BOX	0.145 A	56 V	7.1 W

Order Code	Full Product Name	Lamp	Voltage (Nom)	Power
		Current (Nom)		(Rated) (Nom)
928001005440	TL Mini 8W/54-765 FAM/10X25BOX	0.145 A	56 V	7.1 W
928001503340	TL Mini 13W/33-640 FAM/10X25BOX	0.170 A	90 V	13.1 W
928001505440	TL Mini 13W/54-765 FAM/10X25BOX	0.170 A	90 V	13.1 W

General Information

Order Code	Full Product Name	Life To 50%		
		Failures Preheat (Nom)	Life To 10% (Nom)	Life To 50% (Nom)
		Failures Preheat (Nom)	Failures (Nom)	Failures (Nom)
927974105401	TL Mini 8W/54-765 FAM/10X25BOX	0 h	0 h	5000 h
928000003340	TL Mini 4W/33-640 FAM/10X25BOX	10000 h	5000 h	10000 h
928000503340	TL Mini 6W/33-640 FAM/10X25BOX	10000 h	5000 h	10000 h
928001003318	TL Mini 8W/33-640 FAM/10X25BOX	10000 h	5000 h	10000 h

Order Code	Full Product Name	Life To 50%		
		Failures Preheat (Nom)	Life To 10% (Nom)	Life To 50% (Nom)
		Failures Preheat (Nom)	Failures (Nom)	Failures (Nom)
928001005440	TL Mini 8W/54-765 FAM/10X25BOX	10000 h	5000 h	10000 h
928001503340	TL Mini 13W/33-640 FAM/10X25BOX	8000 h	4000 h	8000 h
928001505440	TL Mini 13W/54-765 FAM/10X25BOX	8000 h	4000 h	8000 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color	
							Rendering Index (Nom)	Lumen Maintenance 10000 h (Nom)
927974105401	TL Mini 8W/54-765 FAM/10X25BOX	-	-	54-765	Cool Daylight	6200 K	75	-
928000003340	TL Mini 4W/33-640 FAM/10X25BOX	0.38	0.38	33-640	Cool White (CW)	4000 K	58	58 %
928000503340	TL Mini 6W/33-640 FAM/10X25BOX	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %

TL Mini Standard Colours

Order Code	Full Product Name	Chromaticity	Chromaticity			Color	Lumen Maintenance	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Color Designation	Correlated Color Temperature (Nom)		Rendering Index (Nom)
928001003318	TL Mini 8W/33-640 FAM/10X25BOX	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %
928001005440	TL Mini 8W/54-765 FAM/10X25BOX	0.313	0.337	54-765	Cool Daylight	6500 K	72	58 %
928001503340	TL Mini 13W/33-640 FAM/10X25BOX	0.38	0.38	33-640	Cool White (CW)	4000 K	59	58 %
928001505440	TL Mini 13W/54-765 FAM/10X25BOX	0.313	0.337	54-765	Cool Daylight	6500 K	72	58 %

Light Technical (2/2)

Order Code	Full Product Name	Lumen	Lumen	Luminous	Luminous
		Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)	Efficacy (rated) (Nom)	Flux (Nom)
927974105401	TL Mini 8W/54-765 FAM/10X25BOX	78 %	-	-	340 lm
928000003340	TL Mini 4W/33-640 FAM/10X25BOX	70 %	70 %	35 lm/W	130 lm
928000503340	TL Mini 6W/33-640 FAM/10X25BOX	75 %	70 %	43 lm/W	260 lm
928001003318	TL Mini 8W/33-640	80 %	70 %	51 lm/W	380 lm

Order Code	Full Product Name	Lumen	Lumen	Luminous	Luminous
		Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)	Efficacy (rated) (Nom)	Flux (Nom)
928001005440	TL Mini 8W/54-765 FAM/10X25BOX	80 %	70 %	48 lm/W	335 lm
928001503340	TL Mini 13W/33-640 FAM/10X25BOX	85 %	70 %	71 lm/W	835 lm
928001505440	TL Mini 13W/54-765 FAM/10X25BOX	85 %	70 %	57 lm/W	740 lm

