



# TL Mini Standard Colours

## TL Mini 4W/33-640 1FM

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.

### Product data

#### • General Characteristics

System Description	na [-]
Cap-Base	G5
Bulb	T5 [16 mm]
Life to 50% failures EM	5000 hr
Life to 50% fail Preheat EL,3h	5000 hr
Life to 50% fail Nonpreh EL,3h	3000 hr
Life to 10% fail Nonpreh EL,3h	2000 hr
Life to 10% fail Preheat EL,3h	3000 hr
Life to 10% failures EM	3000 hr

#### • Light Technical Characteristics

Color Code	33-640
Color Rendering Index	60 Ra8
Color Designation (text)	Cool White
Color Temperature	4100 K
Chromaticity Coordinate X	377 -
Chromaticity Coordinate Y	381 -
Luminous Flux Lamp EM	140 Lm
Luminous Efficacy Lamp EM	35 Lm/W
Lumen Maintenance 2000h	70 %
Lumen Maintenance 5000h	70 %

Lumen Maintenance 10000h	58 %
Luminance Average EM	0.70 cd/cm2

#### • Electrical Characteristics

Lamp Wattage	4 W
Lamp Wattage EM	4.5 W
Lamp Voltage	29 V
Lamp Current EM	0.170 A
Dimmable	Yes

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	5.0 mg

#### • Product Dimensions

Base Face to Base Face A	135.9 (max) mm
Insertion Length B	140.6 (min), 143.0 (max) mm
Overall Length C	150.1 (max) mm
Diameter D	16 (max) mm

#### • Product Data

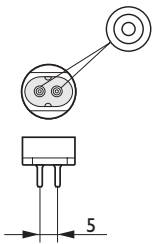
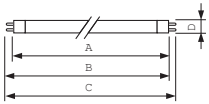
Order code	866714 27
Full product code	871150086671427
Full product name	TL Mini 4W/33-640 1FM
Order product name	TL Mini 4W/33-640 1FM/10X25CC
Pieces per pack	1
Packing configuration	10X25CC
Packs per outerbox	250

## TL Mini Standard Colours

Bar code on pack - EAN1 8711500866714  
Bar code on intermediate packing - EAN2 8711500866738  
Bar code on outerbox - EAN3 8711500866721

Logistic code(s) - 12NC 927973003317  
ILCOS code FD-4/41/2B-E-G5  
Net weight per piece 16.070 gr

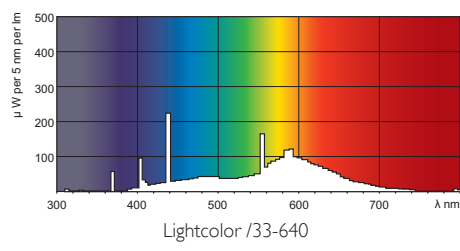
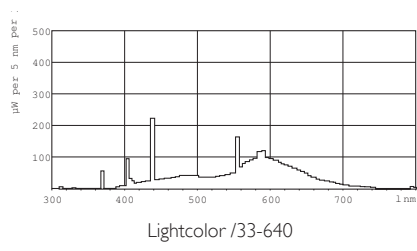
### Dimensional drawing



### G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL Mini 4W/33-640 PRC	135.9	140.6	143.0	150.1	16

## Photometric data



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2011, October 6  
data subject to change