

T5 LED Integrated Lamp Instruction Manual

1. General Description

This product is suitable for workshops, offices, banks, hospitals, shopping centers, subways, schools, and other indoor locations which require high light levels combined with energy-savings. T5 LED Integrated Lamps can be connected into continuous lengths up to 20-feet.

Features	
Ultra-bright white SMD LED	Available Color Temperatures: 3000K / 4100K / 5000K / 6000K
Front Cover Finish: Matte White/Transparent	Can Be Mounted In a Luminaire or Independently Mounted
Wide Input Voltage: 100-277V	High Efficiency Power Supply; Low Power Consumption
Instant On/Off, No Flickering	Constant Current Power Supply, Stable Performance, and Long Life

2. Technical Specifications

Model	Length	Voltage (V)	Operating Frequency	Rated Power (W)
T5N130; T5N141; T5N150; T5N160	1-ft	100~277	50/60Hz	5W
T5N230; T5N241; T5N250; T5N260	2-ft	100~277	50/60Hz	12W
T5N330; T5N341; T5N350; T5N360	3-ft	100~277	50/60Hz	14W
T5N430; T5N441; T5N450; T5N460	4-ft	100~277	50/60Hz	19W

3. Unpacking and Inspection

- Remove integrated lamp from packaging, check for damages and verify that all listed parts are present.
- If the integrated lamp is damaged or parts are missing, please contact customer service at **800-994-2143**. Do not use damaged lamps!

Included Parts



2-Mounting Clips
2- Screws

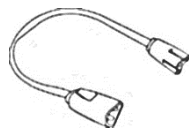


1-6" Power Connector

Available Accessories– To order, please call customer service at **800-994-2143**



T5
Endcap
EC-T5



12" T5 Connector Cable
INT-M2F-J



Power Cord
36" INT-36-PC
72" INT-72-PC



Power Cord w/ Switch
36" INT-36-PC-SWITCH
72" INT-72-PC-SWITCH

4. Installation

T5 integrated lamps can be used in two different ways: a standalone installation or a replacement for a T5 lamp in a luminaire.

Figure 1

Mounting the brackets

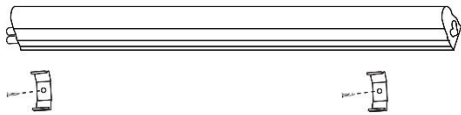


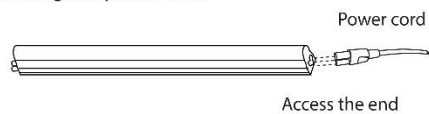
Figure 2

Tubes connected in series



Figure 3

Connecting the power cord



- Step 1. To avoid risk of electric shock, disconnect the power when installing or removing the integrated lamp.
- Step 2. Remove integrated lamp from packaging and check for any damages and ensure all required parts are included.
- Step 3. When installing as a replacement to a T5 in a luminaire, turn off power, remove existing lamp, lamp holders and associated wiring.
- Step 4. Install mounting clips at the desired position where the integrated lamp is to be installed (Figure 1).
- Step 5. Align the integrated lamp with the mounting clips, then firmly press the lamp into the clips.
- Step 6. Use the 12" T5 Connector Cable (sold separately) to connect multiple integrated lamps together (Figure 2).
- Step 7. Plug the power cord into any one end of the integrated lamp. The black, white and green wires of the power cord respectively connect to live, neutral and ground wires (Figure 3).

5. Warnings

- 1) **WARNING**-Risk of fire or electric shock.
- 2) **WARNING**-To prevent wiring damage, do not expose wiring to edges of sheet metal or other sharp objects.
- 3) Do not make holes in an enclosure of wiring or electrical components during integrated lamp installation
- 4) Only use power supplies within the rated voltage range.
- 5) Do not use integrated lamps in high humidity or dusty environments.
- 6) Not for use with dimmers.
- 7) Suitable for damp locations.