

# T5L 554 654 854

T5HO Aluminum or Steel  
High-Bay Industrial Fixtures



**HiMax** Energy Saving High-Performance  
Fluorescent Lighting Systems

## FEATURES & BENEFITS

- **Patented Push-Button Access** - AEI leads the industry with access to all internal components without the use of tools. Lamp tray swings out of the way without removing lamps for access to the ballast compartment.
- **Over 50% Energy Savings Compared to HID** - T5HO lamps and ballasts save more than 50% over older HID and T12 Fluorescent lighting systems.
- **Longer Lamp Life For T5HO!** T5HO lamps are rated for up to 35,000 hours, nearly twice that of typical fluorescent and HID lamps.
- **95% Lumen Maintenance For T5HO** - HID light levels drop as much as 60% as the lamps age. T5HO light levels maintain 95% over the life of the lamp.
- **Instant On...Instant Restrike...No Flicker!** T5HO ballast technology eliminates flicker and provides instant on and instant restrike while maintaining light levels during dips and peaks.
- **Cool Operation** - Vented aluminum housing construction provides optimal ballast performance and long life.
- **Color Quality and Consistency** - T5HO lamps are 80CRI or greater, providing excellent color quality over the life of the lamp, thus enhancing visual comfort.
- **Factory Installed Occupancy Sensors** - Auto on/off functions are available for energy savings and extended life using integral sensor design.

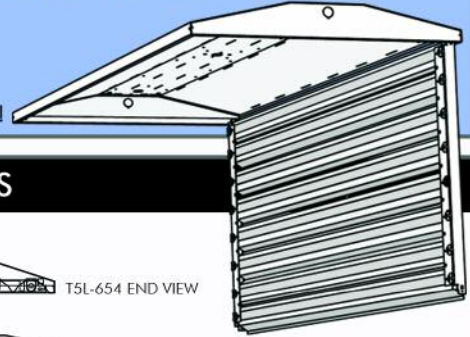
## Featuring "Pat'd Push Button Access"



**EASY ACCESS**  
No Parts To Drop  
**REDUCED LABOR**  
Opens In Seconds  
**SAVES MONEY**  
Exclusive Features

- Step 1. Place your thumbs on the buttons
- Step 2. Press thumbs on buttons releasing center assembly
- Step 3. Rest assembly at 90 degrees

Wireway access  
in seconds without  
removing lamps  
or use of any tools!



## DIMENSIONS



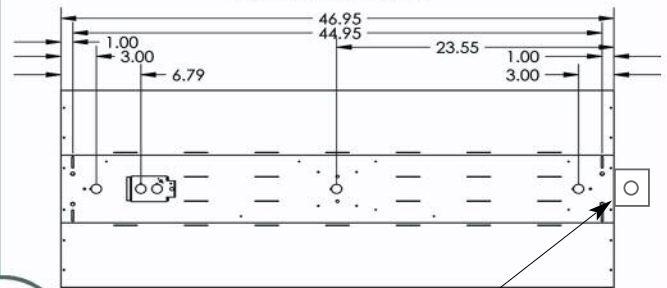
T5L-654 END VIEW



T5L-854 END VIEW

	Length	Width	Height
T5L-AL-554 654	47.0"	19.0"	3.10"
T5L-AL-854	47.0"	24.0"	3.10"

## INSTALLATION DIAGRAM



Optional Occupancy Sensor

\*Dimensions are subject to change without notice. Consult factory for details.

**BRINGING YOU OUT OF THE DARK AGES!**

## SPECIFICATIONS

**CONSTRUCTION:** Aluminum Housing standard. Code Gauge Post-Powdercoat CRS Housing is optional. Housing is vented to keep ballast cool in a wide range of operating temperatures.

**REFLECTOR DESIGN:** Specular Miro4® reflectors standard. White reflectors are optional. Consult AEI for other reflector options.

**ELECTRICAL:** 120 or 277V, 75°C programmed start ballasts are standard. Universal voltage or 347, 480V and 90°C ballasts as well as other options are available upon request. Emergency ballasts available.

**MOUNTING:** Surface, Chain or Pendant mounting options available. See our Labor Saving Installation Guide for mounting designs.

**LISTING:** UL Listed for Damp Locations.

## ORDERING GUIDE



Fixture Model

Housing

# Of Lamps  
Wattage

Voltage

Lamp Color

Options

Mounting

T5L

**CONSULT**  
AEILighting.com  
for  
Photometric  
Information  
On This  
Fixture

**HOUSING TYPE**  
AL=Aluminum

**# OF LAMPS**  
5=5 Lamp 6=6 Lamp  
8=8 Lamp  
**WATTAGE**  
54=54W 4-foot Nominal Length  
Consult Factory When Application  
Requires Other Wattages

**VOLTAGE**  
12=120V 27=277V  
34=347V 48=480V  
UNL=120-277V 90C=120-277V 90°C  
30=3000K 35=3500K  
41=4100K 50=5000K 65=6500K  
Leave Blank If No Lamps

**SENSORS**  
OCI=Atile Sensor OC3=360 Degree Sensor  
OCLT=360 Degree Low Temp Sensor  
Consult Factory For More Options  
**Options/CORDS / PLUGS**  
X'C=Length + Cord Only  
X'CP=Length/Cord + Style/Plug  
Consult Factory For More Options

**BALLASTS**  
E=Emergency Ballast/Lumens  
DIM=Dimming Ballast  
Consult Factory For Ballast Options

**HOUSING/REFLECTORS**  
CRS=Steel UL=Up-light  
WH=White Reflector WG=Wire Guard

**OTHER**  
CTD=Coated Lamps, TG=Tube Guards  
CST=Custom  
Consult Factory For Custom  
Applications and Ordering Number

VH=V-Hook HK=3/4" Hook  
GPLX=Grippler + Style (L,S,T,Y)  
Consult Options Guidelines For  
Grippler Details  
HUB=3/4" Hub  
X'ST=Length + Galvanized Stem  
SB=3/4" Slide Box Assembly  
Hub and Stem Optional  
SP=3/4" Single Point Bracket  
Hub and Stem Optional

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Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_ Quantity \_\_\_\_\_

ADVANCED ENERGY IDEAS, INC.

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