

T8ST 132 232 432

1-, 2- & 4-Lamp 4FT
& 8FT Industrial T8 Fixtures



AEI High Performance Mini Strips

Energy-Saving Fluorescent Lighting Systems

FEATURES & BENEFITS

- **Tool-Free Maintenance** - AEI leads the industry with access to all internal components without the use of tools.
- **Over 50% Energy Savings Compared to HID** - New T8 Lamp/Electronic Ballast combinations save more than 50% over older HID and T12 Fluorescent lighting systems.
- **Longer Lamp Life For T8!** T8 lamps are rated for up to 36,000 hours, nearly twice that of typical fluorescent & HID lamps
- **95% Lumen Maintenance For T8** - HID light levels drop as much as 60% as the lamps age. New T8 light levels maintain up to 95% over the life of the lamp.
- **Instant On...Instant Restrike...No Flicker!** T8 ballast technology eliminates flicker and provides instant on and instant restrike while maintaining light levels during power dips and peaks.
- **Color Quality and Consistency** - T8 lamps are 70CRI or greater, providing excellent color quality over the life of the lamp, enhancing visual comfort.

SPECIFICATIONS

CONSTRUCTION: Post-Powdercoat CRS Housing is standard. 7/8, 3/4 and 2-inch knockouts standard for easy mounting.

REFLECTOR DESIGN: Standard white ballast cover is 90% reflective. Optional specular Miro4® & white reflectors available. Narrow and wide distribution offered. Consult AEI for other options.

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

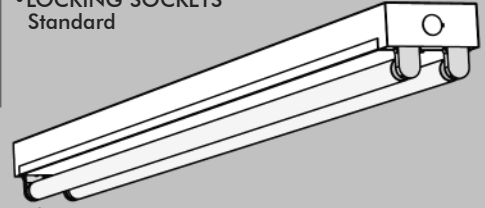
MOUNTING: Surface, Chain or Pendant mounting options available. See our Labor Saving Installation Guide for industry exclusive mounting designs.

LISTING: UL Listed for Damp Locations.

SOCKET BRACKET & WIREWAY INFO



- FLIP UP SOCKET BRACKETS (Shown Left) AVAILABLE
- LOCKING SOCKETS Standard



The T8ST's Tool-Free feature allows wireway access in less than 3 seconds by simply removing two 1/4 turn fasteners or unsnapping the ballast cover, depending on the product version ordered.

DIMENSIONS



ENDVIEW
T8ST-132 4FT
T8ST-232 8FT

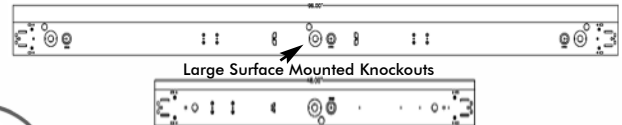


ENDVIEW
T8ST-232 4FT
T8ST-432 8FT

	Length	Width	Height
T8ST-4FT-132	48.00"	4.372"	3.22"
T8ST-4FT-232	48.00"	4.372"	3.22"
T8ST-8FT-232	96.00"	4.372"	3.22"
T8ST-8FT-432	96.00"	4.372"	3.22"

*Multiple wattages/lengths are available. Consult AEI factory or your local AEI representative for info.

INSTALLATION DIAGRAM
K.O., Cable and V-Hook locations vary. Large surface mounted knockouts shown below. If detailed specifications are required, please consult AEI factory.



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

ORDERING GUIDE



BRINGING YOU OUT OF THE DARK AGES!

Fixture Model	Length	# Of Lamps Wattage	Voltage & Ballast Factor	Lamp Color	Options	Mounting
T8ST						

CONSULT
AEILighting.com
for
Photometric
Information
On This
Fixture

LENGTHS 4FT=4 FOOT 8FT=8 FOOT	# OF LAMPS 1=1 Lamp 2=2 Lamps 4=4 Lamps WATTAGE 32=32W 4-foot Nominal Length Consult Factory When Application Requires Custom Configuration	VOLTAGE 12=120V 27=277V 34=347V 48=480V UNI=120-277V 90C=120-277V 90°C BALLAST FACTOR ISL=Instant Start Low Ballast Factor ISN=Instant Start Normal Ballast Factor ISH=Instant Start High Ballast Factor PS=Programmed Start PSH=Programmed Start/ HB Factor PS Series ballast recommended with occupancy sensors. 480V not available in all ballast factors.	30=3000K 35=3500K 41=4100K 50=5000K 65=6500K Leave Blank If No Lamps 800 Series ballast factor of color for 700 Series applications	SENSORS OC1=Alisle Sensor OC3=360 Degree Sensor OCLT=360 Degree Low Temp Sensor Consult Factory For More Options CORDS / PLUGS XC=Length + Cord Only XCXP=Length/Cord + Style/Plug Consult Factory For More Options BALLASTS EMXXXX=Emergency Ballast/Lumens DIM=Dimming Ballast Consult Factory For Ballast Options HOUSING / REFLECTORS WH=White Reflector XCOL=Custom Color OTHER CTD=Coated Lamps; TG=Tube Guards CS1=Custom Consult Factory For Custom Applications and Ordering Number	VH=V-Hook GPLX=Gripple + Style (L,S,T,Y) Consult Options Guidelines For Gripple Details
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Project Name _____ Fixture Type _____
Catalog # _____ Quantity _____

ADVANCED ENERGY IDEAS, INC.

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