



T8EM 432 632 832 8Foot

8-Foot High-Bay Fixtures
for Emergency Applications



Himax Energy Saving High-Performance
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 and HID lamps when used with program start ballasts.
- **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 & instant restrike while maintaining light levels during power dips & peaks.
- **Cool Operation** - Ventilated housing construction provides optimal ballast performance and long life.
- **Color Quality and Consistency** - T8 lamps are 70CRI or greater, providing excellent color quality over the life of the lamp, enhancing visual comfort.
- **Factory Installed Occupancy Sensors** - Auto on/off functions are available for energy savings and extended life using Program-Start Ballast technology and integral sensor design.

Featuring "Tool-Free Access"

EASY ACCESS
No Tools Needed
REDUCED LABOR
Replace In Seconds
SAVES MONEY
Exclusive Features

4FT REPRESENTATION

DIMENSIONS

	Length	Width	Height
T8EM-432	93.0"	6.50"	3.78"
T8EM-632	93.0"	9.96"	3.78"
T8EM-832	93.0"	9.96"	3.78"

INSTALLATION DRAWING

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

SPECIFICATIONS

CONSTRUCTION: 0.040" Aluminum Housing is standard. Housing is vented to keep ballast cool in a wide range of operating temperatures.

REFLECTOR DESIGN: Standard specular >94% MIRO4® reflector with >92% white reflectors available. Consult AEI Factory.

ELECTRICAL: 120 or 277V, 75°C rapid 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.

ORDERING GUIDE



BRINGING YOU OUT OF THE DARK AGES!

Fixture Model	# Of Lamps Wattage	Lens	Voltage Ballast Factor	Lamp Color	Fixture Options	Mounting
T8EM						
CONSULT AEILighting.com for Photometric Information On This Fixture	# OF LAMPS 4=4 Lamps 8=8 Lamps 6=6 Lamps 32=32W 4-foot Nominal Length WATTAGE 32=32W 4-foot Nominal Length Consult Factory When Application Requires Other T8 Wattages	CL=Clear Acrylic PR=Prismatic PC=Polycarbonate VR=Vandal Resistant Leave Blank if No Lens Required VOLTAGE 12=120V 27=277V 34=347V 48=480V UNI=120/277V 90C=120/277V 90°C BALLAST FACTOR ISI=Instant Start Low Ballast Factor ISN=Instant Start Normal Ballast Factor ISH=Instant Start High Ballast Factor PS=Program Start / Rapid Start PSH=Program Start/ Rapid Start HB Factor P8 Series ballast recommended with occupancy sensors	30=3000K 35=3500K 41=4100K 50=5000K 65=6500K Leave Blank if No Lamps 800 Series Standard, Add '7' in front of color for 700 Series applications SENSORS OCI=Aside Sensor OC3=360 Degree Sensor OC1C=360 Degree Low Temp Sensor When specific brand of sensor is required, please add to notes in the purchase order. Consult Factory For More Sensor Options.	CORDS / PLUGS X'C=Length + Cord Only X'CKP=Length/Cord + Style/Plug Consult Factory For More Options BALLASTS EM=XXX-Emergency Ballast/Lumens DIM=Dimming Ballast Consult Factory For Detailed Ballast Options HOUSING/REFLECTORS WH=White Reflector	CTD=Cooled Lamps, TG=Tube Guards CST=Custom Consult Factory For Custom Applications & Custom Ordering Number	VH=V-Hook HK=3/4" Hook GPLX=Gripble + Style (L,S,T,Y) Consult Options Guidelines For Gripble Details HUB=3/4" Hub X'ST=Length + Galvanized Stem SB=3/4" Slide Box Assembly Hub and Stem Not Included SP=3/4" Single Point Bracket Hub and Stem Not Included

AEI LIGHTING INC.
1113 West Birchwood Avenue
Mesa, AZ 85210
TEL 480.733.6594
FAX 480.733.6596
WEB www.aeilighting.com

Project Name _____ Fixture Type _____

Catalog # _____ Quantity _____

ADVANCED ENERGY IDEAS, INC.
T8EM 432 632 832 8-FOOT