



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 and HID lamps when used with programmed 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 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: Aluminum Housing is standard. Housing is vented to keep ballast cool in a wide range of operating temperatures.

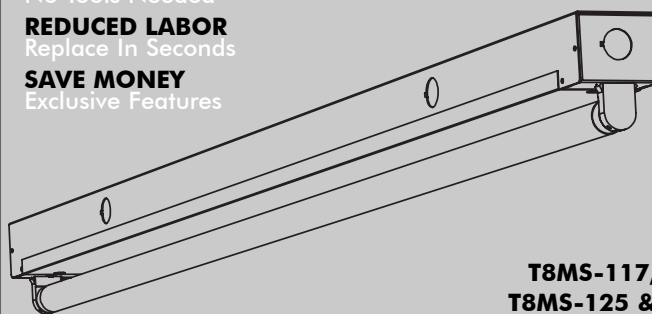
REFLECTOR DESIGN: Standard white ballast cover is 90% reflective. Optional specular Miro4® & white reflectors available. Narrow and wide distribution offered. Consult AEI for other options.

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.

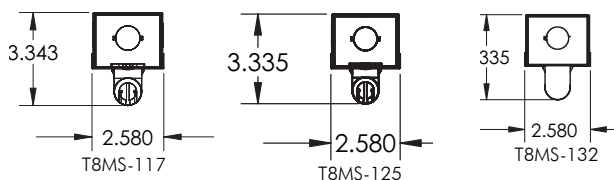
LISTING: UL Listed for Damp Locations.

- EASY ACCESS**
No Tools Needed
- REDUCED LABOR**
Replace In Seconds
- SAVE MONEY**
Exclusive Features



T8MS-117,
T8MS-125 &
T8MS-132

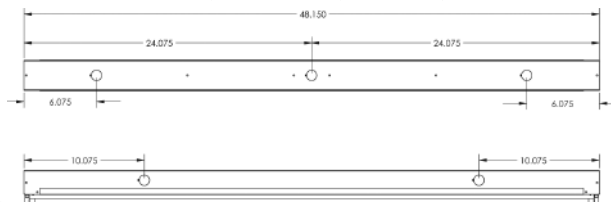
DIMENSIONS



	Length	Width	Height
T8MS-117	24.15"	2.58"	3.343"
T8MS-125	36.15"	2.58"	3.335"
T8MS-132	48.15"	2.58"	3.335"

For dimensions of sensed or custom fixtures, consult the AEI factory or your local AEI representative.

INSTALLATION DIAGRAM

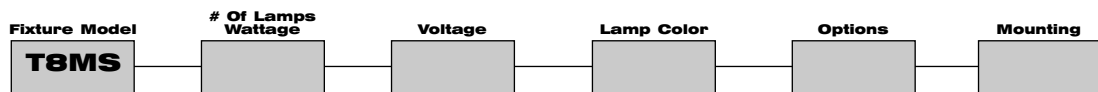


*Dimensions are subject to change without notice. Consult factory for details.

ORDERING GUIDE



BRINGING YOU OUT OF THE DARK AGES!



CONSULT
AEILighting.com
for
Photometric
Information
On This
Fixture

<p># OF LAMPS 1=1 Lamp</p> <p>WATTAGE 32=32W 4-foot Nominal Length</p> <p><i>Consult Factory When Application Requires Wattages Other Than Above</i></p>	<p>VOLTAGE 12=120V 27=277V 34=347V 48=480V UNI=120-277V 90C=120-277V 90°C</p> <p>BALLAST FACTOR ISL=Instant Start Low Ballast Factor ISN=Instant Start Normal Ballast Factor ISH=Instant Start High Ballast Factor PS=Programmed Start / Rapid Start PSH=Programmed Start/ Rapid Start HB Factor PS Series ballast recommended with occupancy sensors. 480V not available in all ballast factors.</p>	<p>30=3000K 35=3500K 41=4100K 50=5000K 65=6500K</p> <p><i>Leave Blank If No Lamps. Specify wattage and color for 700 Series applications</i></p>	<p>SENSORS OC1=Ambient Sensor OC3=360 Degree Sensor OCLT=360 Degree Low Temp Sensor <i>Consult Factory For More Options</i></p> <p>CORDS / PLUGS XC=Length + Cord Only XCXP=Length/Cord + Style/Plug <i>Consult Factory For More Options</i></p> <p>BALLASTS EM=Emergency Ballast/Lumens DIM=Dimming Ballast <i>Consult Factory For Ballast Options</i></p> <p>HOUSING/REFLECTORS WH=White Reflector XCCL=Custom Color</p> <p>OTHER CTD=Coated Lamps, TG=Tube Guards CST=Custom <i>Consult Factory For Custom Applications and Ordering Number</i></p>	<p>VH=V-Hook HK=3/4" Hook GPLX=Grippler + Style (L,S,T) <i>Consult Options Guidelines For Grippler Details</i></p>
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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.

T8MS 117 125 132