T5MS 154 254

1 & 2 Lamp T5HO
Industrial Mini-Strips

AEI High Performance Mini Strips
Energy-Saving Fluorescent Lighting Systems

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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 -** 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.

- **Color Quality and Consistency -** T5HO lamps are 80CRI or greater, providing excellent color quality over the life of the lamp, enhancing visual comfort.

- **Superior Visual Comfort Over HID** with higher CRI from AEI's fluorescent fixtures including wider range of color temperatures.

Featuring "Tool-Free Access"

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

SPECIFICATIONS

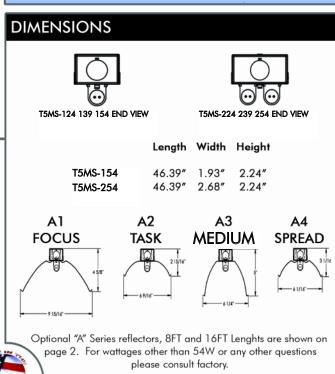**CONSTRUCTION:** Vented Aluminum Housing is standard.

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: Universal Voltage (120-277V), 75°C programmed start ballasts are standard. 347-480V and 90°C ballasts as well as other options are available upon request. Emergency ballasts available in T5MS-254 housing only.
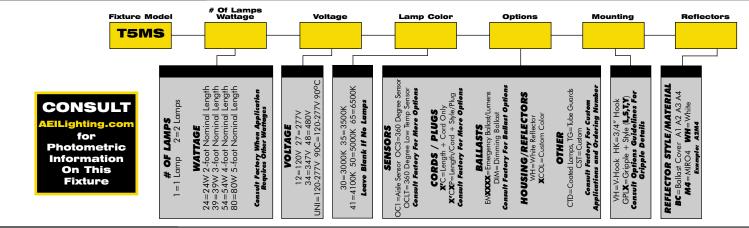
MOUNTING: Surface, Chain or Pendant mounting options available. See our Labor Saving Installation Guide for industry exclusive mounting designs.

LISTING: UL Listed for Damp Locations

DIMENSIONS

T5MS-124 139 154 END VIEW   T5MS-224 239 254 END VIEW

	Length	Width	Height
T5MS-154	46.39"	1.93"	2.24"
T5MS-254	46.39"	2.68"	2.24"

A1 FOCUS	A2 TASK	A3 MEDIUM	A4 SPREAD

Optional "A" Series reflectors, 8FT and 16FT Lenghts are shown on page 2. For wattages other than 54W or any other questions please consult factory.

ORDERING GUIDE

cULus   NAILD   MADE IN THE UNITED STATES

BRINGING YOU OUT OF THE DARK AGES!

Fixture Model	# Of Lamps Wattage	Voltage	Lamp Color	Options	Mounting	Reflectors

T5MS

CONSULT AEILighting.com for Photometric Information On This Fixture

 # OF LAMPS
1 = 1 Lamp   2 = 2 Lamps

WATTAGE
24 = 24W 2-foot Nominal Length
39 = 39W 3-foot Nominal Length
54 = 54W 4-foot Nominal Length
80 = 80W 5-foot Nominal Length
Consult Factory When Application Requires Other Wattages

VOLTAGE
12 = 120V   27 = 277V
34 = 347V   48 = 480V
UNI = 120-277V   90C = 120-277V 90°C

Lamp Color
30 = 3000K   35 = 3500K
41 = 4100K   50 = 5000K   65 = 6500K
Leave Blank If No Lamps

SENSORS
OC1 = Aisle Sensor   OC3 = 360 Degree Sensor
OCLT = 360 Degree Low Temp Sensor
Consult Factory For More Options

CORDS / PLUGS
X*C = Length + Cord Only
X*CXP = 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
CST = Custom
Consult Factory For Custom Applications and Ordering Number

Mounting
VH = V-Hook   HK = 3/4" Hook
GPLX = Gripple + Style (L,S,T,Y)
Consult Options Guidelines For Gripple Details

REFLECTOR STYLE/MATERIAL
BC = Ballast Cover   A1 A2 A3 A4
M4 = MIRO4   WH = White
Example A2M4

Project Name _____   Fixture Type _____

Catalog # _____   Quantity _____