

# RETRO-FIT KITS

Conversion Kits For Industrial Strips  
and Troffer/Lay-in Fixtures

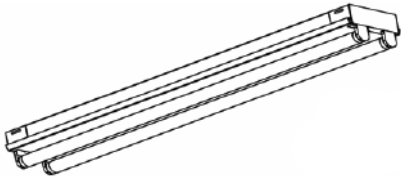


## Himax

Energy-Saving High Performance  
Fluorescent Lighting Systems

### KIT FEATURES

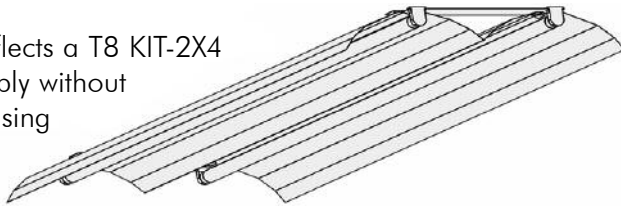
**T8 KIT-1X4 & 1X8 SERIES:** This retro-fit kit series is designed for simple T12 strip conversions to more energy-efficient T8 lamps. Each kit includes socket brackets, ballast cover, sockets, 1/4 turn fasteners, tek screws and ballasts when specified.




Picture reflects 1X4 housing with a T8 KIT-1X4 installed

**T8 KIT-2X2 & 2X4 SERIES:** This retro-fit kit series is designed for simple T12 troffer and lay-in conversions to more energy-efficient T8 lamps. Kits include socket brackets, white reflector, sockets and ballasts & lamps when specified.


Picture reflects a T8 KIT-2X4 Kit assembly without lay-in housing



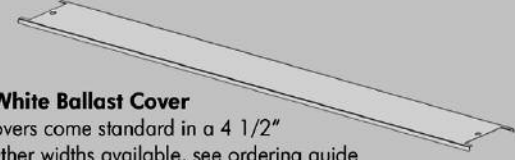
#### T8KIT-1X4 1X8 COMPONENTS



**2, 3, 4, or 6 Lamp Socket Bracket**  
This universal strip socket bracket fits body widths 4 to 6 inches




**1, 2, or 4 Lamp Socket Bracket**  
This universal strip socket bracket fits body widths 4 to 6 inches




**4 1/2" White Ballast Cover**  
Ballast covers come standard in a 4 1/2" width. Other widths available, see ordering guide for details.


#### T8KIT-2X2 2X4 COMPONENTS



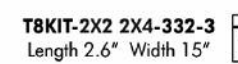
**T8KIT-2X2-232 432-4**  
**T8KIT-2X4-232 432-4**  
2X2 Length 22" Width 20"  
2X4 Length 46" Width 20"




**T8KIT-2X2-332-4**  
**T8KIT-2X4-332-4**  
2X2 Length 22" Width 20"  
2X4 Length 46" Width 20"



**T8KIT-2X2 2X4-232-3**  
Length 3.2" Width 11.7"



**T8KIT-2X2 2X4-332-3**  
Length 2.6" Width 15"



**T8KIT-2X2 2X4-432-3**  
Length 3.2" Width 11.7"

### INSTALLATION INSTRUCTIONS



**Step 1:** Snap the T8 sockets into the universal kit socket bracket (P/N T8KIT-1x8-432-3). After installing the sockets begin stabbing the ballast wires into the sockets.

**Step 2:** Place the universal kit socket bracket evenly over the 4- or 8-foot body.

**Step 3:** Slowly fold the universal kit socket bracket over both sides of the body using the perpendicular slits as a guide.

**Step 4:** Firmly press each side down so that the socket bracket fits flush on both sides and across the opening of the body.

**Step 5:** With a drill gun and tek screw bit install one tek screw (supplied) through each side of the socket bracket and the body.

**Step 6:** On 8-foot fixtures, you will repeat steps 1 through 5 in the center of the fixture placing two universal socket brackets back to back.

**Step 7:** Place either the supplied ballast cover or reflector onto the body while aligning the holes for the supplied 1/4 turns. Then insert the 1/4 turn into the hole.

**Step 8:** Rotate the 1/4 turn 90-degrees until the ballast cover and reflector are secure.

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

### ORDERING GUIDE

Kit Model	Size	# of Lamps / Wattage	Voltage / Ballast Factor	Lamp Color	Options
<b>T8KIT</b>					
<b>KIT SIZES</b>	1X4 1X8 2X2 2X4 <i>Consult factory for other options</i>	<b># OF LAMPS</b> 1 = 1 Lamp 2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps 6 = 6 Lamps <b>WATTAGE</b> 32 = 32 Watts 54 = 54 Watts <i>Consult Factory When Application Requires Other Wattages</i>	<b>VOLTAGE</b> 12 = 120V 27 = 277V 34 = 347V 48 = 480V <b>BALLAST FACTOR (T8 Only)</b> ISL = 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 PS Series ballast recommended with occupancy sensors.	30 = 3000K 35 = 3500K 41 = 4100K 50 = 5000K 65 = 6500K <i>Leave Blank if No Lamps</i> <i>800 Series Standard, Add 7 in front of color for 700 Series applications</i>	<b>BALLASTS</b> E=XXXX=Emergency Ballast/Lumens DIM= Dimming Ballast <i>Consult Factory For Ballast Options</i> <b>HOUSING/REFLECTORS</b> M4=MIRCO4 Reflector <b>OTHER</b> CTD=Coated Lamps TG=Tube Guards CST=Custom <i>Consult Factory for Custom Applications and Ordering Number</i>

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Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_ Quantity \_\_\_\_\_

ADVANCED ENERGY IDEAS, INC. RETRO-FIT KITS