



# 11 SERIES

## Deep Profile 2X4 Recessed Lens Troffer Linear T5 or T8 Fluorescent

Fixture Type: \_\_\_\_\_

Job Information: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### SPECIFICATIONS:

- A deep profile 2X4 recessed linear T5 or T8 fluorescent luminaire. Features heavy-duty construction and a complete menu of available diffusing media, lamping choices, and ballast options. Specify the appropriate combinations for the application and desired performance needed.
- Applications: A broad spectrum of uses in all commercial, retail, and public buildings. Use in office, school, and medical environments. Small, medium, and large rooms illuminate well with evenly spaced 2X4 modules.
- T5 Lamps: Linear 28W-T5 or 54W-HO-T5; two, three, four, or six-lamp cross sections.
- T8 Lamps: Linear 32W-T8; two, three, four, or six-lamp cross sections.
- Housings: Die formed code grade heavy gauge cold rolled steel with ample strengthening embossments. End plates are securely riveted onto the housing. Snap-in type wireway covers. Socket bars are screwed into housing.
- Door frames: Heavy gauge flush steel frame has mitered-look corners and contains the specified diffusing media. Hinges down from either side of the housing or may be completely removed. Two positive action cam latches hold the frame closed.
- Optional regressed door frames: Extruded aluminum frame has a bold half-inch regression and tightly joined mitered corners for a more architecturally pleasing appearance and finish. Aluminum frame is able to withstand damp locations.
- Finish: Housing finished with a white powder coating applied after fabrication to provide a durable long lasting and highly reflective finish.
- Diffusers and Louvers: See ordering data for complete list of available media. Diffusers include both extruded and injection-molded acrylic types with various specified lighting patterns. Louvers include both plastic and aluminum types with various specified cell sizes and configurations.
- Optional optical reflectors: CAD designed to the corresponding lamping and fabricated from Miro-4 enhanced specular aluminum. Has a 95% reflectivity. (See Series 11-MRT).
- Ballasts T5: Electronic programmed start, normal light output, high power factor. THD less than 10%. Up to 2-lamps per 28W-T5 ballast is standard. Up to 4-lamps per 54W-HO-T5 ballast is standard. Lutron or Advance dimming ballasts as specified. Multi-volt operates a range from 120V-277V, 50HZ-60HZ. Optional dedicated voltages; 120V-60HZ or 277V-60HZ.
- Ballasts T8: Electronic instant start, normal light output, high power factor. THD less than 10%. Up to 4-lamps per ballast is standard. Optional T8 performances; rapid start circuit, high light output, low-watt. Lutron or Advance dimming ballasts as specified. Multi-volt operates a range from 120V-277V, 50HZ-60HZ. Optional dedicated voltages; 120V-60HZ or 277V-60HZ.
- A multiple lamp ballast operating the maximum number of lamps is standard. For split circuits and switching specify two-ballast option.
- Emergency battery back up: Integrated pack ranges from 500-lumen output up to 1400 lumens. Varies with lamp type.
- Installations: Designed for recessed installation into NEMA Type G lay-in acoustical grid ceiling systems, 1" grid or 9/16" fine-line grid. For sheet rock ceilings, NEMA Type F applications, add additional flange kit. On request, overlapping flange trim type luminaire available. (See Series 11C). Sufficient knockouts are provided on the back and ends for all electrical connections. A quick wiring access plate is provided. Optional single or dual circuit quick wiring flex.
- Four auxiliary suspension points are provided on the housing as a method of securing to the building structure as required by code.
- UL and CUL listed 1598 and bears their label. Suitable for dry locations or optional damp locations with UL Damp Label. Union made and labeled.



# 11 SERIES Deep Profile 2X4 Recessed Lens Troffer Linear T5 or T8 Fluorescent

Fixture Type:

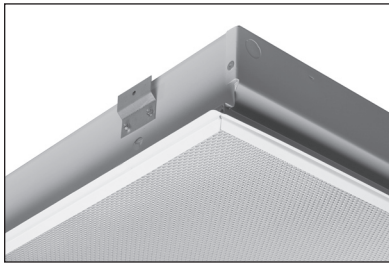
Job Information:

**ORDERING DATA:** Fill in boxes below with corresponding bold options.

Example: 11E-432-OCT-9A-ELB-UNI-EMPK/I320

| Series           | Ceiling Type                                                                                                                     | Optional Door Frame                                                               | No. of Lamps Cross                                                   | Lamp Wattage/ Each                                                                                                                                             | Lamp Type                                                                                  | Diffuser/Louver Style                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ballast Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Voltage                                                                                                                                                                                                                                                      | Misc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>11</b><br>2X4 | <b>E</b><br>Lay-in Grid, 1" or 9/16".<br><br><b>C</b><br>Overlapping Flange Trim, Concealed Spline or Dry Wall. On Request Only. | Leave Blank for No Option<br><br><b>REG</b><br>Extruded Aluminum 1/2" Regression. | <b>2</b> Lamps<br><b>3</b> Lamps<br><b>4</b> Lamps<br><b>6</b> Lamps | <b>T5 LAMPS</b><br><b>28</b><br>28W-T5/4Ft.<br><b>54</b><br>54W-HO-T5/4Ft.<br><br><b>T8 LAMPS</b><br><b>32</b><br>32W-T8/4Ft.<br><br>Other Lamps as Specified. | <b>T5</b><br>Linear T5<br><b>HO-T5</b><br>Linear High Output T5<br><b>OCT</b><br>Linear T8 | <b>9A</b><br>Acrylic Prismatic Clear Pattern #12.<br><b>9A.125</b><br>Nominal .125" Thick Acrylic Prismatic Clear Pattern #12.<br><b>K19</b><br>Nominal .156" Thick Acrylic Prismatic Clear Pattern #19.<br><b>1-FL</b><br>Acrylic Smooth White. No Pattern.<br><b>1-DF</b><br>Acrylic Smooth White Drop Panel. No Pattern.<br><b>SPW-3/4</b><br>3/4" X 3/4" X 3/8" Silver Parawedge Plastic Louver. Other Finishes On Request.<br><b>LSPW</b><br>1-1/2" X 1-1/2" X 1" Silver Parawedge Plastic Louver. Other Finishes On Request.<br><b>APB3</b><br>78 Cell Semi-Specular Aluminum Parabolic Louver. 105 Cell and Other Finishes On Request.<br><br>All Other Specified Media. | <b>ELB</b><br>T5 Electronic Programmed Start. Up to 2-Lamps/ Ballast 28W-T5. Up to 4-Lamps/ Ballast 54W-HO-T5.<br><b>ELB</b><br>T8 Electronic Instant Start. Up to 4-Lamps/Ballast.<br><b>ELBL</b><br>T8 Electronic Instant Start Low Watt. Up to 4-Lamps/Ballast.<br><b>ELBH</b><br>T8 Electronic Instant Start High Light Output. Up to 4-Lamps/Ballast.<br><b>ELBS</b><br>T8 Electronic Rapid Start. Up to 4-Lamps/Ballast.<br><b>ELBD</b><br>T5 or T8 Electronic Dimming, Lutron or Advance as Specified. Up to 3-Lamps/Ballast.<br><b>ELB-</b><br>T5 or T8 Electronic As Specified. | <b>UNI</b><br>T5 Universal Voltage, Multi-Volt 120V-277V, 50HZ-60HZ.<br><b>UNI</b><br>T8 Universal Voltage, Multi-Volt 120V-277V, 50HZ-60HZ.<br><b>120V</b><br>T5 or T8 Dedicated Voltage 120V-60HZ.<br><b>277V</b><br>T5 or T8 Dedicated Voltage 277V-60HZ. | <b>EMPK/ISL28</b><br>ISL-28 or Equal 500 Lumens. One 28W-T5 Lamp.<br><b>EMPK/ISL54</b><br>ISL-54 or Equal 825 Lumens. One 28W-T5 or 54W-HO-T5 Lamp.<br><b>EMPK/ISL540</b><br>ISL-540 or Equal 1300 Lumens. One 28W-T5 or 54W-HO-T5 Lamp.<br><b>EMPK/I32</b><br>I-32 or Equal 500 Lumens. One 28W-T5 or 32W-T8 Lamp.<br><b>EMPK/I48</b><br>I-48 or Equal 700 Lumens. One or Two 32W-T8 Lamps.<br><b>EMPK/I320</b><br>I-320 or Equal 1350 Lumens. One 28W-T5 or 54W-HO-T5 Lamp. One or Two 32W-T8 Lamps.<br><b>EMPK/I232</b><br>I-232 or Equal 1400 Lumens. Two 32W-T8 Lamps.<br><b>FLX</b><br>6Ft. Single Circuit Power Flex. (Specify Voltage).<br><b>FLX2</b><br>6Ft. 2-Circuit Power Flex. (Specify Voltage).<br><b>2B</b><br>2-Ballasts, 2-Circuits<br><b>L</b><br>Factory Lamps Installed, Specify Color. Ex: L741<br><b>DL</b><br>UL Damp Label.<br><b>TG</b><br>Triple Gasketing. |

**FK-24**  
2X4 Flange Kit/Order Separately. For Dry Wall Installations. Use with "E" Type.



E-Type Detail

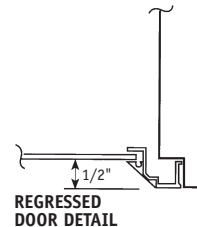
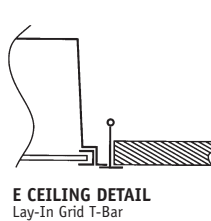
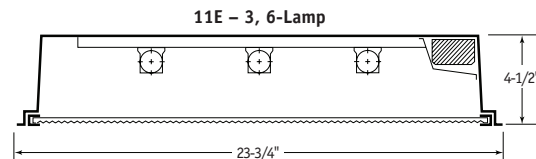
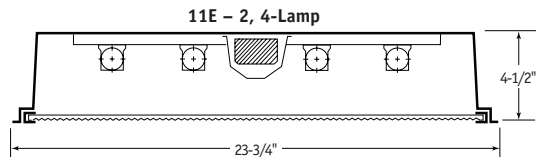


C-Type Detail

## PHOTOMETRICS:

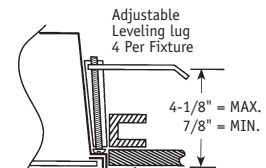
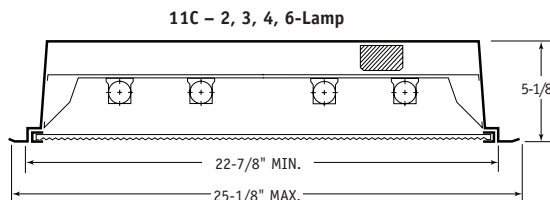
Reports available upon request.

## DIMENSIONAL DATA/CROSS SECTION:



### 11C CEILING OPENINGS

|       |                                              |
|-------|----------------------------------------------|
| MIN = | Minimum Ceiling Opening<br>22-7/8" x 48-1/4" |
| MAX = | Maximum Ceiling Opening<br>25-1/8" x 50-3/8" |



**C CEILING FLANGE DETAIL**  
Overlapping Flange Trim, Concealed Spline or Dry Wall

