



35 SERIES

Recessed Lighting

High Efficiency 2X4 Lens Troffer

Low Profile 3-3/4" Deep

Fixture Type: _____

Job Information: _____

SPECIFICATIONS:

- A high efficiency 2X4 recessed fluorescent luminaire featuring 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, or four-lamp cross sections.
- T8 Lamps: Linear 32W-T8; two, three, or four-lamp cross sections.
- Housings: Die formed code grade or optional 20GA 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 door frames: Extruded aluminum frame has true mitered corners and offers a more architecturally pleasing appearance and finish. Aluminum frame is able to withstand damp locations. Available with a 3/8" regression or flush style.
- Finish: All steel housing parts finished with a white enamel paint providing a reflectivity of 87% or greater. Optional white powder coating finish is applied after fabrication providing a minimum reflectivity of 90%.
- 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 35-MRT).
- Ballasts T8: Electronic instant start, normal light output, high power factor, THD less than 20%. Up to 4-lamps per ballast is standard. Optional T8 performances: rapid start circuit, high light output, low-watt, THD less than 10%. Lutron or Advance dimming ballasts as specified. Dedicated voltages; 120V-60HZ or 277V-60HZ. Optional multi-volt operates a range from 120V-277V, 50HZ-60HZ, and is less than 10% THD.
- Ballasts T5: Electronic programmed start, normal light output, high power factor, THD less than 10% most ballast/lamp combinations. Up to 2-lamps per ballast is standard except; up to 4-lamps per ballast is standard for 54W-HO-T5. Lutron or Advance dimming ballasts as specified. Most T5 ballasts are standard as multi-volt, 120V-277V 50HZ-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. Overlapping flange trim type for concealed spline ceilings available on request. 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 pullout type grid clips are located in the housing ends to lock over the grid. Four auxiliary suspension points are also provided on the housing ends as an alternate method of securing to the building structure as required by code.
- UL listed 1598 with CUL approval and bears their label. Suitable for dry locations or optional damp locations with UL Damp Label. Union made and labeled.



