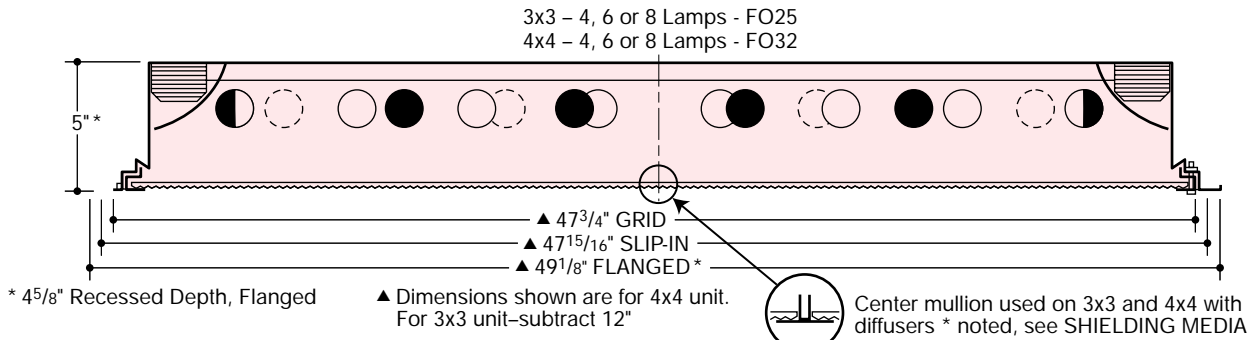


## APPLICATIONS

The EXCELON® series of static troffers are designed and precision engineered to meet the highest quality standard for today's discriminating specifier. Offering the widest choice of lamp diffuser configurations. Exclusive "LIGHT-LOCK" design and positive hinging and high efficiency makes this the ideal troffer for offices, schools, stores, and all general lighting requirements.



## SPECIFICATIONS

**HOUSING:** Die formed of 20 ga. cold rolled steel, rigidly fabricated, and electrically welded to insure true and perfect alignment.

**SOCKET PLATE:** Die formed of 20 ga. cold rolled steel, securely mounted and readily removable for socket maintenance.

**REFLECTOR:** Die formed of 20 ga. cold rolled steel, securely mounted to housing. Formed to optically correct contour to provide maximum efficiency, removable to access wiring without the use of tools. XTA-XTRALUME® energy efficient reflector available (see OPTIONS).

**END PLATES:** Die formed of 20 ga. steel. The end plates are permanently attached to the fixture. For continuous rows specify row lengths.

**DOOR:** Die formed of 18 ga. cold rolled steel, electrically welded throughout with concealed weld gussets at corner joints for strength and rigidity, with exclusive "LIGHT-LOCK™" design for light tight fit to housing. Door hinges from either side on concealed T-slot hinges and is secured in the closed position with white nylon knurled screws. Insertion or removal of diffusing element (see SHIELDING MEDIA) is performed without the use of tools or disassembly of door.

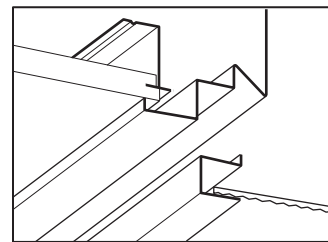
**ELECTRICAL:** Thermally protected Class "P" Energy Saving Rapid/Instant Start HPF 265MA-T8 and 460MA to 300MA T-5 electronic ballasts standard for 118V 60 Hz operation. Other ballasts, other voltages and frequencies available, consult factory. (See OPTIONS listing).

EXCELON® and LEGION® are registered trademarks of LEGION LIGHTING CO., INC. LIGHT-LOCK™ is a trademark of LEGION LIGHTING CO., INC.

**MOUNTING:** Designed to integrate into most standard ceilings. LEVEL-JACKS are supplied on concealed mechanical units only. For grid type ceilings, unit rests on the flanges of the exposed spline or tee. Fine Line clips are supplied on units used in Donn-Fine Line type ceilings. See CEILINGS and specify type. Knockouts provided on back and ends for feed and thru-wiring.

**FINISH:** All steel component parts are completely protected against rust and discoloration after fabrication through an automated conveyerized multi-stage phosphate bonding process. Finished with an electrostatic baked white polyester thermosetting powder coating. This electrostatic computer controlled integrated system assures consistent high reflectance efficiency and maximum durability.

**CERTIFICATION:** The EXCELON® Series 73 and 74 are U.L. and C.U.L. listed and bear the label of the I.B.E.W./AFL-CIO, Local #3. Optionally listed for damp locations "DL".



Exclusive LIGHT-LOCK™ design for light tight fit of door to housing. Diffuser inserted without the use of tools.

**MATCHING SURFACE UNITS AVAILABLE. CONSULT FACTORY.**

ORDERING DATA

Nom. Size	No. and Type Lamps	Ceiling	Wt.	Catalog No.
3' x 3'	4-FO25-OCT-T8	*F, J, L	60	73-425 EBO
3' x 3'	6-FO25-OCT-T8	*F, J, L	84	73-625 EBO
3' x 3'	8-FO25-OCT-T8	*F, J, L	88	73-825 EBO
4' x 4'	4-FO32-OCT-T8	*F, J, L	90	74-432 EBO
4' x 4'	6-FO32-OCT-T8	*F, J, L	94	74-632 EBO
4' x 4'	8-FO32-OCT-T8	*F, J, L	98	74-832 EBO
3' x 3'	4-F21 T5	*F, J, L	80	73-421
3' x 3'	6-F21 T5	*F, J, L	84	73-621
3' x 3'	8-F21 T5	*F, J, L	88	73-821
4' x 4'	4-F28 T5	*F, J, L	90	74-428
4' x 4'	6-F28 T5	*F, J, L	94	74-628
4' x 4'	8-F28 T5	*F, J, L	98	74-828
3' x 3'	4-F39HO T5	*F, J, L	80	73-439HO
3' x 3'	6-F39HO T5	*F, J, L	84	73-639HO
3' x 3'	8-F39HO T5	*F, J, L	88	73-839HO
4' x 4'	4-F54HO T5	*F, J, L	90	74-454HO
4' x 4'	6-F54HO T5	*F, J, L	94	74-654HO
4' x 4'	8-F54HO T5	*F, J, L	98	74-854HO

\* Advise run length when used in continuous runs.

OCTRON™ is a registered trademark of SYLVANIA  
 LEXAN® is a registered trademark of General Electric Co.  
 CONTROLENS® and Retractive Grid™ are registered trademarks of Holophane Co.

OPTIONS

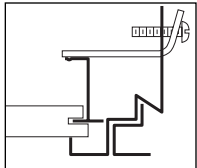
Suffix "DIM" after catalog no. for dimming ballast.  
 Suffix "LT" after catalog no. for cold weather ballast.  
 Suffix "EM" after cat. no. for emergency battery pack, see price list for types.  
 Suffix "DL" after catalog no. for damp location.  
 Suffix "GASK" after catalog no. for gasketed door and lens.  
 Suffix "TP" after catalog no. for tamperproof screws on door.  
 Suffix "XTA" after catalog no. for XTRALUME® reflector standard with 85% reflectance, for 95% reflectance please specify your requirements.

ELECTRONIC

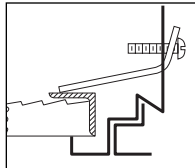
"EBO"-Electronic T8 Octron Ballast  
 "EBDO"-Electronic T8 Dimming Ballast

CEILINGINGS

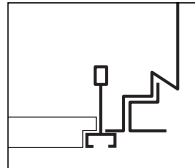
- + Type (F) Flanged, Wet plaster ceiling, (requires plaster frame, optional) suffix PF.
  - + Type (F) Flanged, Concealed "Z" spline ceiling, Z splines must face outward from troffer.
  - + Type (F) Flanged, Metal pan 1" "T" bar only and Simplex Ceiling.
  - + Type (F) Flanged, Armstrong ATS - snap bar must run perpendicular to side of troffer - Mount on black iron.
  - ++ Type (J) Exposed inverted "T" ceiling.
  - ++ Type (J) Concealed inverted "T" ceiling.
  - ++ Type (J) Exposed inverted "T", Tegular ceiling.
  - ++ Type (J) Exposed inverted "T", Fineline ceiling. (requires Fineline clips) suffix FLC.
  - + Type (S) Metal pan 1" "T" bar only and Simplex ceiling.
- 
- + (F) Flanged troffers provided with Quick Mount leveling jacks.
  - ++ (J) Exposed (J) Concealed troffers: The corners of the ceiling opening should be well supported to withstand the weight of the troffer.



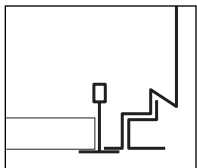
CONCEALED "Z" BAR  
Type "F" Flanged



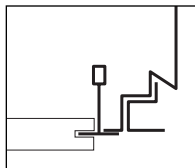
WET PLASTER  
Type "F" Flanged



FINE LINE  
Type "J" Lay-In



EXPOSED "T" BAR  
Type "J" Lay-In



CONCEALED "T" BAR  
Type "J" Lay-In

SHIELDING MEDIA

- Type (AL) 1/2" cube aluminum louver-white.
- Type (PL) 1/2" cube styrene louver-white.\*
- Type (PLA) 1/2" cube acrylic louver-white.\*
- Type (PAF) 5/8" cube Paraflex specular silver louver-styrene.\*
- Type (PAFA) 5/8" cube Paraflex specular silver louver-acrylic.\*
- Type (PW) 1/2" cube Parawedge specular silver louver-styrene.\*
- Type (PWA) 1/2" cube Parawedge spec. silver louver-acrylic.\*
- Type (PAFIVA) 3/4" x 3/4" x 1/2" deep Paraflex specular silver louver-acrylic.\*
- Type (PL3A) 3/4" x 3/4" x 1/2" deep high efficiency spec. silver louver-acrylic.\*
- Type (PL5A) 3/4" x 3/4" x 3/8" deep high efficiency spec. silver louver-acrylic.\*
- Type (RFA) acrylic plastic refractor.\*
- Type (RFL) polycarbonate Lexan® prismatic refractor.\*
- Type (ACR) KSH K12 acry-tuf prismatic refractor.\*
- Type (K19A) KSH K19 acrylic lens.\*
- Type (FA) flat white acrylic.\*
- Type (GRA) Glass fiber reinforced acrylic.\*
- Type (C73) Corning (ALG) #73 lens-glass.\*
- Type (K15A) 3/16" thick acrylic plastic refractor.\*
- Type (K20A) KSH K20 acrylic lens.\*
- Type (K11A) louvered prismatic acrylic panel.\*
- Type (H06244) Holophane 6244 Controlens®.\*
- Type (H06251) Holophane 6251 Controlens®.\*
- Type (H08224) Holophane 8224 Refractive Grid®.\*
- Type (PH) Parahex specular silver louver.\*

● CONSULT FACTORY FOR MINIMUM QUANTITY ORDER AND AVAILABILITY. Select the diffuser required and add suffix to cat. no. EXAMPLE: 74-632-RFA.

\* Center mullion must be used on 3x3 and 4x4 with these diffusers.