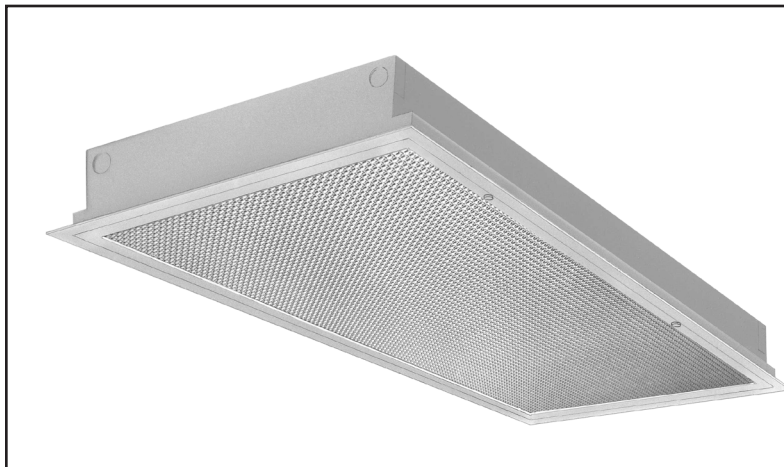


APPLICATIONS

The EXCELON® series of static trofers 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 gauge 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).

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.

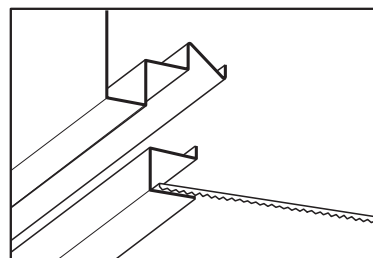
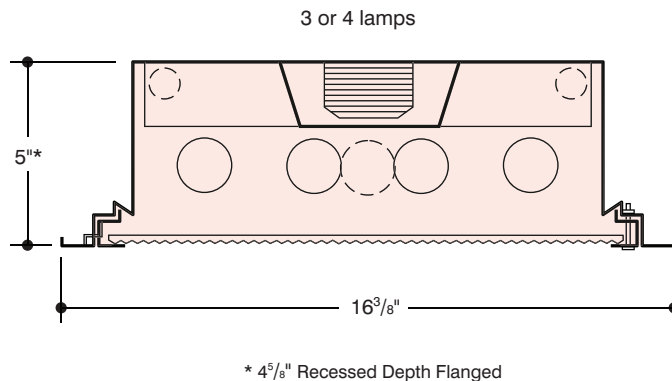
ELECTRICAL: Thermally protected Class "P" Energy Saving Rapid/Instant Start HPF 270 MA BIAx (Twin Tube), 265 MA-T8 electronic ballasts, 430 MA Rapid Start HPF, Trigger Start LPF, and 425 MA Slimline HPF-T12 magnetic ballasts for 118V 60 Hz operation standard. Other electronic ballasts, other voltages and frequencies available, consult factory. (see Options listing).

MOUNTING: Designed to integrate into most standard ceilings. LEVEL-JACKS are supplied on concealed mechanical units. 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 conveyORIZED multi-stage phosphate bonding process. Finished with an electrostatic baked white polyester thermosetting powder coating. This electronic computer controlled integrated system assures consistent high reflectance efficiency and maximum durability.

CERTIFICATION: The EXCELON® Series 76 is U.L. and C.U.L. listed and bears the I.B.E.W./AFL-CIO label. Optionally U.L. and C.U.L. listed for damp locations "DL".

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



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

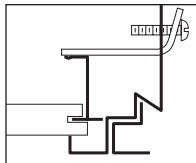
NOM. SIZE	NO. AND TYPE LAMP	WEIGHT	CATALOG NO
16" x 2"	3-20W-TS-T12	23	F76-320
	3-FO17-OCT-T8		F76-317 EBO
16" x 2"	4-20W-TS-T12	25	F76-420
	4-FO17-OCT-T8		F76-417 EBO
16" x 2"	** 3-F40TT/RS	23	F76-3BX40
16" x 2"	** 4-F40TT/RS	25	F76-4BX40
16" x 4"	3-40W-RS-T12	35	F76-340
	3-FO32-OCT-T8		F76-332 EBO
16" x 4"	4-40W-RS-T12	36	F76-440
	4-FO32-OCT-T8		F76-432 EBO
16" x 8"	6-40W-RS-T12	68	F76-340-8T
	6-FO32-OCT-T8		F76-332-8T EBO
16" x 8"	8-40W-RS-T12	72	F76-440-8T
	8-FO32-OCT-T8		F76-432-8T EBO
16" x 8"	3-75W-SL-T12	68	F76-396SL
	3-FO96-OCT-T8		F76-396SL EBO
16" x 8"	4-75W-SL-T12	72	F76-496SL
	4-FO96-OCT-T8		F76-496SL EBO

Advise run length when used in continuous runs.

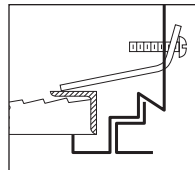
** F40TT/RS is the ANSI designation of various lamp manufacturers, i.e. G.E. Lighting "Blax", Philips "PL", Osram "DULUX-L", Sylvania Twin Tube. For F50TT/RS change catalog no. Ex: **F76-3BX50** etc. and consult factory. For F55TT/RS consult factory. Two lamp units available, consult factory.

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

CEILING



CONCEALED "Z" BAR
Type "F" Flanged



WET PLASTER
Type "F" Flanged

- + 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.
-
- + (F) Flanged troffers provided with leveling jacks.
 - + Type (F) ceiling designation for concealed mechanical or plaster ceiling. (Requires plaster frame). For other type ceilings consult factory or local representative.

OPTIONS

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

ENERGY SAVING BALLASTS Where applicable (consult factory).
 Suffix "ESB" / after catalog number, and then one of the following:

MAGNETIC

"SLH"-Super Low Heat T12 Ballast
 "MM-1"-Maxi Miser 1 T12 Ballast
 "PRE"-Premium III T12 Ballast
 "OCT"-Octron T8 Ballast
 "OPT"-Optimizer Ballast
 "DIM"-Magnetic T12 Dimming Ballast

ELECTRONIC

"EB"-Electronic T12 Ballast
 "EBO"-Electronic T8 Octron Ballast
 "EBD"-Electronic T12 Dimming Ballast
 "EBDO"-Electronic T8 Dimming Ballast
 "EBX"-Electronic (BIAX) Twin Tube Ballast
 "EBDX"-Electronic (BIAX) Twin Tube Dimming Ballast

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"x3/4"x1/2" deep Paraflex specular silver louver-acrylic.
- Type (PL3A) 3/4"x3/4"x1/2" deep high efficiency specular silver louver-acrylic.
- Type (PL5A) 3/4"x3/4"x3/8" deep high efficiency specular silver louver-acrylic.
- Type (RFA) acrylic plastic refractor.
- Type (RFL) polycarbonate Lexan® prismatic refractor.
- Type (ACR) KSH-K12 acri-tuf prismatic refractor.
- Type (K19A) KSH K19 acrylic lens.
- Type (FA) flat white acrylic.
- Type (GRA) glass fiber reinforced acrylic.
- Type (C70) Corning (AIG) #70 lens-glass.
- Type (C73) Corning (AIG) #73 lens-glass.
- Type (AIM) American injection molded acrylic.
- Type (K15A) 3/16" thick acrylic plastic refractor.
- Type (K20A) KSH K20 acrylic lens.
- Type (K11A) louvered prismatic acrylic panel.
- Type (RFI) Radio Frequency acrylic prismatic lens.
- Type (K3E) KSH K3E acrylic lens.
- Type (HO6244) Holophane 6244 Controlens®.
- Type (HO6251) Holophane 6251 Controlens®.
- Type (HO8224) Holophane 8224 Refractive Grid®.
- Type (PH) Parahex specular silver louver.
- Type (DA) Dished white acrylic.
- Type (DAP) Dished acrylic clear prismatic.

● CONSULT FACTORY FOR MINIMUM QUANTITY ORDER AND AVAILABILITY. Select the diffuser required and add suffix to cat. no. EXAMPLE: **F76-440-RFA**

For Photometric Data consult factory

Information supplied primarily for illustrative purposes, subject to change.
 Consult factory for verification and minimum quantity orders.

