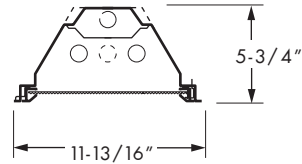
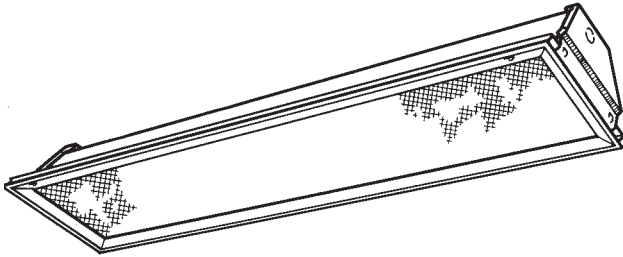


1' x 4' PREMIUM STATIC TROFFER

SERIES **EP** STATIC
 VOLTAGE TYPE JOB _____



SPECIFICATIONS

- **Housing** – 22-gauge die-formed C.R.S.
- **Door Frame** – .050" thick extruded aluminum, flat or regress, with mitered corners.
- **Shielding** – #12 pattern, .125" acrylic overlay standard—other patterns and thicknesses available.
- **Finish** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.
- **Electrical** – Electronic ballast standard, instant start T8, program start T5, rated Class P.
- **Labels** – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations. Available for wet locations—consult factory.
- **Mounting** – NEMA Type "G" standard. NEMA Type "F" available.

FEATURES

- Fully-enclosed spring-loaded cam latches allow years of hassle-free maintenance.
- T-slot steel hinge ensures positive retention when door is opened.
- T-slot steel hinge allows reversible hinging and latching.
- 5-3/4" deep housing with raised ballast wireway eliminates lens shadowing.
- Deep reinforcement ribs provide added strength.
- Optional anti-microbial powder coating available to prevent the spread of dangerous micro-organisms and suppress the growth of mold and bacteria.
- Fully-gasketed door minimizes contaminants.
- Ballast secured by two captive bolts and nuts to ensure a tight, reliable fit for maximum heat dissipation.
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- This fixture is proudly made in the USA.

ORDERING INFORMATION

Submittal

CEILING FIXT. NOM. NOM. TOTAL WATTAGE/ FRAME
 SERIES TYPE STYLE WIDTH LENGTH LAMPS TYPE TYPE SHIELDING OPTIONS BALLAST VOLTAGE
 EXAMPLE: **EP G - S 1 4 - 2 32 - R A12125 - OPTIONS - EB2 - 120**

SERIES	EP Premium Static Troffer (No air handling)
CEILING TYPE	G NEMA Type "G" F NEMA Type "F"
FIXTURE STYLE	S Full door frame, no reveal
NOMINAL WIDTH	1 1'
NOMINAL LENGTH	4 4'
TOTAL LAMPS	1, 2, or 3

LAMP WATTAGE/TYPE	28T5S 4', 28-watt T5 32 4', 32-watt T8 54T5H 4', 54-watt T5HO
DOOR FRAME TYPE	F White flat aluminum R White regress aluminum FB Black flat aluminum RB Black regress aluminum
SHIELDING	A12125 #12 pattern acrylic, .125" thick A19156 #19 pattern acrylic, .156" thick PC15S Nominal 1/2"x1/2"x1/2" silver polystyrene PC25S Nominal 1-1/2"x1-1/2"x1" silver polystyrene

OPTIONS	DG/MYLAR Double gasket (flat aluminum door only) TG/MYLAR Triple gasket (flat aluminum door only) WET UL listed suitable for wet location under covered ceiling (flat aluminum door only) AMW Anti-microbial white finish
BALLAST TYPE	EB1 1-lamp electronic ballast EB2 2-lamp electronic ballast EB3 3-lamp electronic ballast EB2/1 (1) 2-lamp & (1) 1-lamp electronic ballast
VOLTAGE	120 120V UNV 120-277V 277 277V 347 347V

Note: For more options/accessories, ballast combinations, and product details, please consult factory.



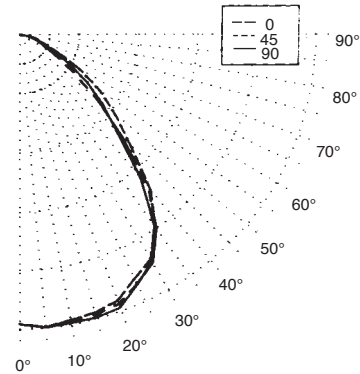
FLUORESCENT LIGHTING

Williams Catalog #EPG-S14-232-RA12125-EB2-120
Test Report #3134.0, Dated 4/13/83

Lamp Type: F32T8/41K
Lamp Quantity: 2

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	1897.	1897.	1897.	
5	1925.	1928.	1926.	183.9
15	1886.	1902.	1919.	539.2
25	1764.	1802.	1805.	829.0
35	1533.	1550.	1528.	969.2
45	1011.	934.	882.	735.4
55	631.	415.	520.	418.4
65	266.	164.	221.	196.7
75	97.	118.	77.	119.8
85	35.	31.	18.	34.2
90	0.	0.	0.	



LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	1552.	26.8	38.6
0 - 40	2521.	43.5	62.6
0 - 60	3675.	63.4	91.3
0 - 90	4026.	69.4	100.0
90 - 120	0.	0.	0.
90 - 130	0.	0.	0.
90 - 150	0.	0.	0.
90 - 180	0.	0.	0.
Total Luminaire			
0-180	4026.	69.4	100.0

ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

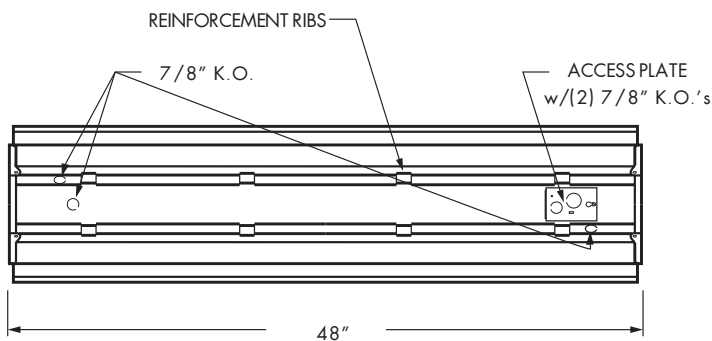
WALL RCR	CEILING .80			.70			.50		
	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	.83	.83	.83	.81	.81	.81	.77	.77	.77
1	.77	.75	.73	.76	.73	.71	.70	.69	.67
2	.72	.68	.64	.71	.67	.63	.64	.61	.59
3	.67	.61	.57	.66	.60	.56	.58	.55	.52
4	.63	.56	.51	.61	.55	.50	.53	.49	.46
5	.58	.50	.45	.57	.50	.45	.48	.44	.41
6	.54	.46	.41	.53	.45	.40	.44	.40	.36
7	.50	.42	.36	.49	.41	.36	.40	.36	.32
8	.46	.38	.32	.45	.37	.32	.36	.32	.29
9	.43	.34	.29	.42	.34	.29	.33	.28	.25
10	.40	.31	.26	.39	.31	.26	.30	.26	.22

TOTAL LUMINAIRE

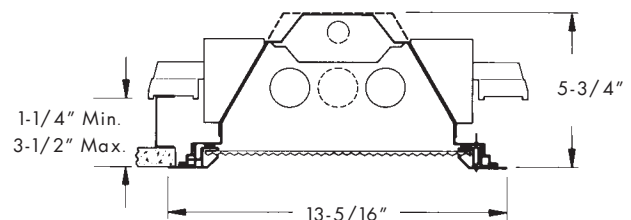
OPTICAL EFFICIENCY = 69.4 %

SPACING CRITERIA: ACROSS= 1.3 ALONG= 1.3

BACK VIEW



CROSS SECTION NEMA TYPE "F" INSTALLATION



MAXIMUM RECOMMENDED CEILING OPENING IS 12-3/8" X 48-3/8"

For continuous row mounting, add 49-5/16" for each additional fixture to obtain ceiling opening. 1-5/16" between end plates.



H. E. WILLIAMS, INC.