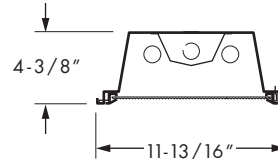
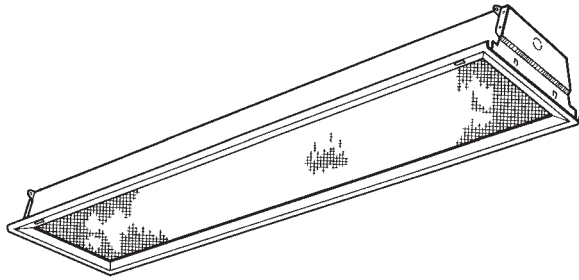


1' WIDE **STATIC TROFFER**

SERIES **50**
STATIC

VOLTAGE TYPE JOB _____
TYPE _____
JOB _____



SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- DOOR FRAME – 20-gauge C.R.S. or .050" extruded aluminum, flat or regress, with mitered corners. T-slot steel hinge allows reversible hinging and latching.
- SHIELDING – #12 pattern, .125" acrylic overlay standard—other patterns and thicknesses available.
- FINISH – 92% minimum average reflective white powder coat with multi-stage iron/phosphate prepared metal.
- ELECTRICAL – Electronic ballast standard, either instant start or programmed start, rated Class P.
- LABELS – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations.
- 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.
- 4-3/8" deep housing eliminates lens shadowing.
- Deep reinforcement ribs provide added strength.
- Rolled-edge channel adds superior strength.
- Optional anti-microbial powder coating available to prevent the spread of dangerous micro-organisms and suppress the growth of mold and bacteria.
- Field convertible to NEMA Type "F".
- Fully gasketed door minimizes contaminants.
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- This fixture is proudly made in the USA.

ORDERING INFORMATION

Submittal

EXAMPLE:

SERIES	TYPE	STYLE	WIDTH	LENGTH	LAMPS	TYPE	FRAME	TYPE	SHIELDING	OPTIONS	BALLAST	VOLTAGE
50	G	S	1	4	2	32	S	A12125		OPTIONS	EB2	120

SERIES	50	Static Troffer (No air handling)
CEILING TYPE	G	NEMA Type "G"
	F	NEMA Type "F" (field convertible)
FIXTURE STYLE	S	Full door frame, no reveal
NOMINAL WIDTH	1	1'
NOMINAL LENGTH	2	2'
	4	4'
TOTAL LAMPS	2	
LAMP WATTAGE/TYPE	14T5S	2', 14-watt T5
	17	2', 17-watt T8

LAMP WATTAGE/TYPE cont'd.	24T5H	2', 24-watt T5HO
	31UN	2', U-bent, 31-watt T8, 1-5/8" leg spacing
	32U	2', U-bent, 32-watt T8, 6" leg spacing
	40TT	2', 40-watt long twin tube
	28T5S	4', 28-watt T5
	32	4', 32-watt T8
	54T5H	4', 54-watt T5HO
DOOR FRAME TYPE	S	White Flat steel
	F	White Flat aluminum
	R	White Regress aluminum
	SB	Black flat steel
	FB	Black Flat aluminum
	RB	Black Regress aluminum
SHIELDING	A12125	#12 pattern acrylic, .125" thick
	A19156	#19 pattern acrylic, .156" thick
	PC1SS	Nominal 1/2"x1/2"x1/2" silver polystyrene
	PC2SS	Nominal 1-1/2"x1-1/2"x1" silver polystyrene

OPTIONS	F338	6', 3/8" flex, 3 conductor, No. 18 AWG
	AMW	Anti-microbial White finish
BALLAST TYPE	EB2	2-lamp electronic ballast
VOLTAGE	120	120V
	277	277V
	UNV	120 - 277V
	347	347V

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



FLUORESCENT LIGHTING

50

STATIC

SERIES

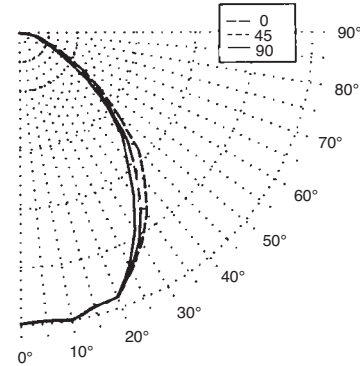
PHOTOMETRY INFORMATION

Williams Catalog #50G-S14-232-SA12125-EB2-120
Test Report #8647.0, Dated 02/08/96

Lamp Type: F32T8/SPX35/RS
Lamp Quantity: 2

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	1902.	1902.	1902.	
5	1890.	1888.	1891.	180.5
15	1849.	1854.	1856.	526.1
25	1711.	1703.	1677.	787.0
35	1436.	1372.	1288.	859.2
45	1100.	991.	939.	775.7
55	636.	585.	541.	524.3
65	320.	259.	254.	278.4
75	156.	123.	149.	150.1
85	61.	47.	45.	54.0
90	0.	0.	0.	



LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	1494.	25.3	36.1
0 - 40	2353.	39.9	56.9
0 - 60	3653.	61.9	88.3
0 - 90	4135.	70.1	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	4135.	70.1	100.0

ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

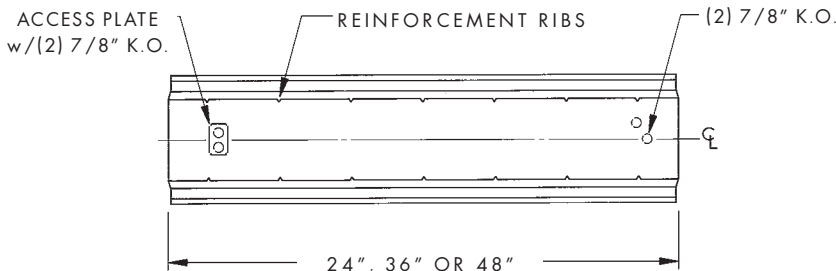
CEILING	.80			.70			.50		
	WALL RCR	.70	.50	.30	.70	.50	.30	.50	.30
0	.83	.83	.83	.81	.81	.81	.78	.78	.75
1	.78	.75	.73	.76	.74	.71	.71	.67	.65
2	.72	.67	.64	.70	.66	.63	.64	.58	.57
3	.67	.61	.56	.65	.60	.55	.58	.51	.50
4	.62	.55	.50	.61	.54	.49	.52	.45	.44
5	.57	.49	.44	.56	.49	.43	.47	.39	.39
6	.53	.45	.39	.52	.44	.39	.43	.35	.34
7	.49	.41	.35	.48	.40	.35	.39	.31	.31
8	.45	.37	.31	.44	.36	.31	.35	.27	.27
9	.42	.33	.28	.41	.33	.27	.32	.24	.24
10	.39	.30	.25	.38	.30	.25	.29	.21	.21

TOTAL LUMINAIRE

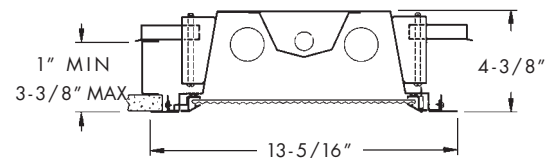
OPTICAL EFFICIENCY = 70.1 %

SPACING CRITERIA: ACROSS=1.2 ALONG=1.2

BACK VIEW



CROSS SECTION NEMA TYPE "F" INSTALLATION



MAXIMUM RECOMMENDED CEILING OPENING

WIDTH	LENGTH	NOMINAL FIXTURE SIZE
12-3/8"	48-3/8"	1X4
12-3/8"	36-3/8"	1X3
12-3/8"	24-3/8"	1X2

For continuous row mounting add: 49-5/16" for 1X4, 37-5/16" for 1x3 and 25-5/16" for 1x2 for each additional fixture. 1-5/16" between end plates.



H. E. WILLIAMS, INC.

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Information contained herein is subject to change without notice.

HEWJP43202 08/17/09JJ