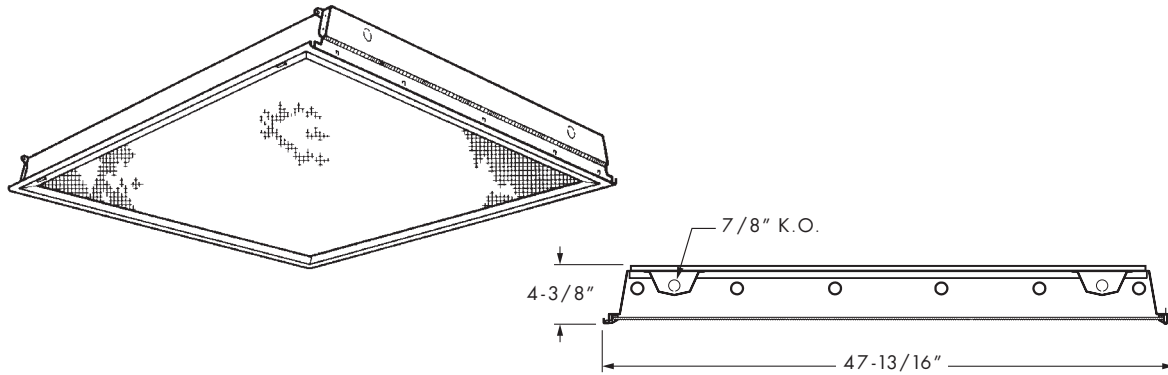


4' x 4' STATIC TROFFER

SERIES **50** STATIC
 VOLTAGE TYPE JOB _____



SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S.
- DOOR FRAME – .050" extruded aluminum, flat or regress, with mitered corners. T-slot steel hinge allows reversible hinging and latching.
- SHIELDING – #12 pattern, .187" 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, instant start T8, programmed start T5, 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: **50** **G** - **S** **4** **4** - **6** **32** - **R** **A12187** - **OPTIONS** - **EB3/3** - **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	4 4'
NOMINAL LENGTH	4 4'

TOTAL LAMPS	4, 6, or 8
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	A12187 #12 pattern acrylic, .187" thick A19187 #19 pattern acrylic, .187" thick

OPTIONS	F338 6', 3/8" flex, 3 conductor, No. 18 AWG AMW Anti-microbial White finish
BALLAST TYPE	EB4 4-lamp electronic ballast EB3/3 (2) 3-lamp electronic ballasts EB4/2 (1) 4-lamp & (1) 2-lamp electronic ballast EB4/4 (2) 4-lamp electronic ballasts
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-S44-632-RA12187-EB3/3

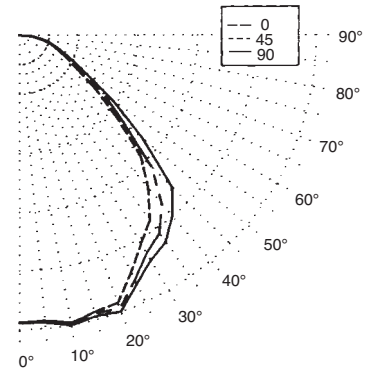
Test Report #8649.0, Dated 02/21/96

Lamp Type: F32T8/SPX35/RS

Lamp Quantity: 6

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	6206.	6206.	6206.	
5	6213.	6179.	6213.	591.7
15	6179.	6213.	6274.	1764.6
25	5644.	5825.	5929.	2693.8
35	4860.	5214.	5446.	3260.3
45	3671.	3998.	4619.	3174.8
55	1947.	2197.	2430.	1998.3
65	1111.	1085.	1223.	1101.8
75	698.	689.	715.	738.0
85	284.	249.	293.	292.0
90	0.	0.	0.	

**LUMEN SUMMARY**

ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	5050.	28.5	32.3
0 - 40	8310.	47.0	53.2
0 - 60	13484.	76.2	86.3
0 - 90	15615.	88.2	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	15615.	88.2	100.0

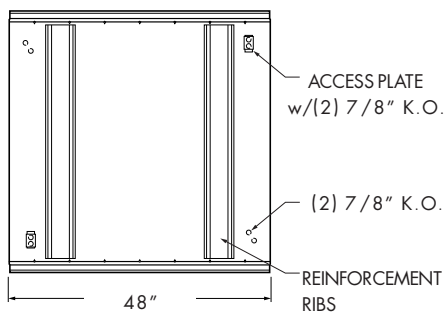
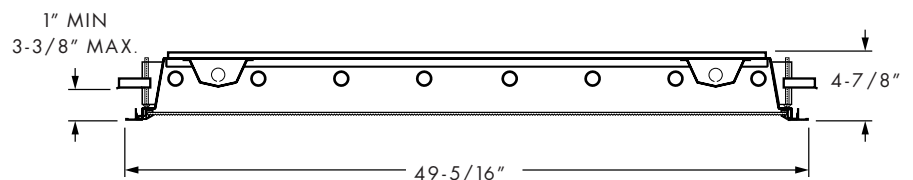
ZONAL CAVITY COEFFICIENTS

EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING WALL RCR	.80			.70			.50		
	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	105	105	105	103	103	103	98	98	98
1	.97	.94	.91	.95	.92	.89	.88	.86	.84
2	.90	.84	.79	.88	.82	.78	.79	.75	.72
3	.83	.75	.69	.81	.74	.68	.71	.67	.62
4	.77	.68	.61	.75	.67	.60	.64	.59	.55
5	.71	.61	.53	.69	.60	.53	.58	.52	.47
6	.66	.55	.48	.64	.54	.47	.52	.46	.42
7	.61	.49	.42	.59	.49	.42	.47	.41	.37
8	.56	.44	.37	.54	.44	.37	.43	.36	.32
9	.51	.40	.33	.50	.39	.33	.38	.32	.28
10	.48	.36	.29	.47	.36	.29	.35	.29	.25

TOTAL LUMINAIREOPTICAL EFFICIENCY = **88.2 %**

SPACING CRITERIA: ACROSS= 1.4 ALONG= 1.2

BACK VIEW**CROSS SECTION NEMA TYPE "F" INSTALLATION**

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



H. E. WILLIAMS, INC.

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Information contained herein is subject to change without notice.

HEWJP43205 08/17/09JJ