



G6 Series

FLUORESCENT | GRID



FLOW-THRU TECHNISEAL® APPLICATIONS:

- UL/CUL Listed Dry Location
- Cleanroom (Classes 10-100,000; ISO Classes 4-9)

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- Premium electronic ballast standard
- Available in stainless steel construction
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of 20GA (.036) zinc coated steel for unmatched corrosion protection. Two welded, tapered, threaded flanges on the side provide wireway access. All seams are sealed with a long life acrylic sealant.

REFLECTOR:

Individually fabricated of zinc coated steel, painted with a minimum reflectance of 88%.

LOUVER:

1/2" x 1/2" square cell white acrylic.

FINISH:

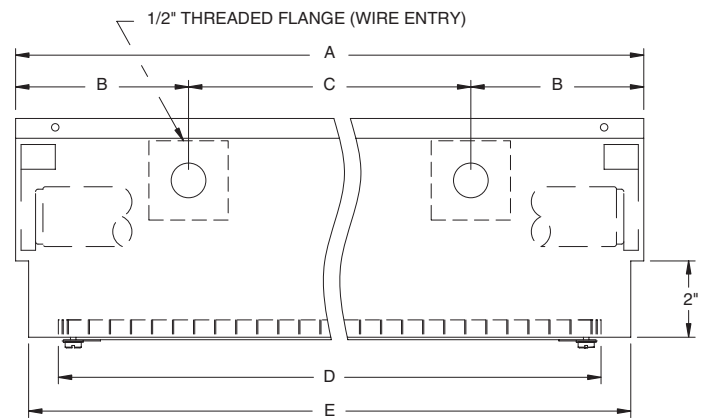
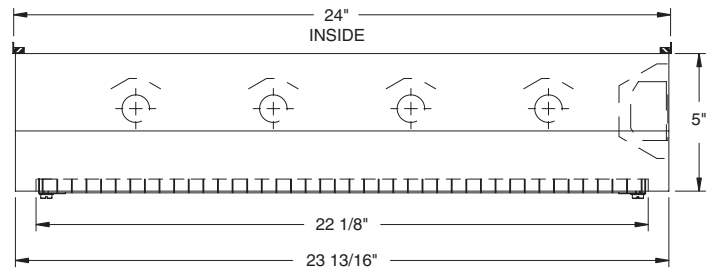
Painted surfaces are two mil of white polyester enamel.

ELECTRICAL:

All ballasts and lampholders are UL Listed.

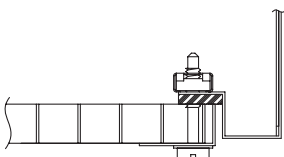
MOUNTING:

Grid or custom detail available.



LENGTH	DIMENSIONS IN INCHES				
	A	B	C	D	E
2 FT	24	5 3/8	13 1/4	22 1/8	23 11/16
4 FT	48	5	38	46 1/8	47 11/16

LOUVER FRAME DETAIL



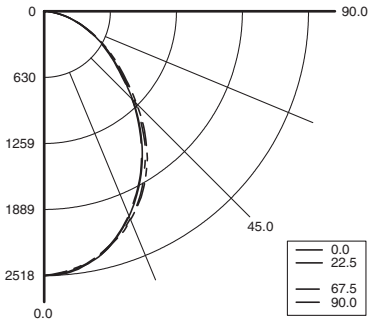


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PHOTOMETRICS: For additional photometry, go to paramountlighting.com

Model G64320, 4FT, White Painted Interior and White 1/2 IN Square Louver, 4 32W T8 Fluorescent Lamps, Lamp Lumen Rating = 3050



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5				.3				.1				0
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
R 0	52	52	52	52	51	51	51	51	48	48	48	46	46	46	44	44	44	43	43	43	43
C 1	48	46	44	43	47	45	43	42	43	42	41	41	40	39	40	39	38	37	37	37	37
R 2	44	41	38	36	43	40	37	35	38	36	34	37	35	33	35	34	33	32	32	32	32
3	40	36	33	30	39	35	32	30	34	31	29	33	31	29	32	30	28	27	27	27	27
4	37	32	29	26	36	32	28	26	31	28	25	30	27	25	29	26	25	24	24	24	24
5	34	29	25	23	33	28	25	22	28	25	22	27	24	22	26	24	22	21	21	21	21
6	32	26	23	20	31	26	22	20	25	22	20	24	22	19	24	21	19	18	18	18	18
7	30	24	20	18	29	24	20	18	23	20	18	22	20	17	22	19	17	16	16	16	16
8	28	22	18	16	27	22	18	16	21	18	16	21	18	16	20	17	16	15	15	15	15
9	26	20	17	14	25	20	17	14	19	16	14	19	16	14	19	16	14	13	13	13	13
10	24	19	15	13	24	18	15	13	18	15	13	18	15	13	17	15	13	12	12	12	12

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1828	15	34.2
0-40	2857	23.4	53.5
0-60	4512	37	84.5
0-90	5342	43.8	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	5342	43.8	100

Total Luminaire Optical Efficiency = 43.8%
Spacing Criterion: 0° = 1.10, 90° = 1.14

FLOW-THRU TECHNISEAL® GRID TROFFER ORDERING INFORMATION:

SERIES	LAMP QTY	LAMP TYPE	LOUVER	OPT MAT	GRID	OPTIONS	VOLTAGE
G6	Cleanroom	2 3 4	0 Louver			BALLASTS (SPECIFY VOLTAGE) D1 Lutron Dimming ECO-10 D2 Electronic Dimming D4 < 10% THD (Consult Factory) E2 2 Electronic Ballasts E3 3 Electronic Ballasts E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) MISC J0 Lamp Sleeve (Specify Type & Color) P9 Special Paint Color (Provide Paint Code & Chip) S1 Special Material (Consult Agent) T3 Tamper Resistant (Hex w/pin STD, Others Avail) VI External Gasketing Add hyphens between options	120V-277V/60Hz STD 347V/60Hz 50Hz & Other Voltages Available
14T5	F14T5 (2FT)	0°					
17	F17T8 (2FT)	0°					
24T5H	F24T5 (2FT)	0°					
28T5	F28T5 (4FT)	0°					
32	F32T8 (4FT)	0°					
54T5H	F54T5/HO (4FT)	0°					
			*S2 Stainless Steel Housing *S3 Stainless Steel Exterior *S5 Stainless Steel Lens Frame Only * Note: If Stainless Steel is ordered, 304 SS Standard 316 SS and other materials available, consult agent.				
					G1 1 1/2" T-Bar G2 2" T-Bar 1 Inch T-Bar Standard		

Other Wattages Available, Consult Factory.

Project Information:

Information subject to change without notice. Lamps supplied by others.

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