

TYPE _____

FEATURES

The G4-DI-6 presents a unique ultra shallow winged profile and is one variation of a complete family of suspended linear fluorescent luminaires. The G4-DI-6 is a direct/indirect version of the family of luminaires and provides exceptional performance. Constructed of perforated steel and aluminum extrusions, it features a "reveal" between modules in continuous rows. The computer designed optical system creates a widespread indirect distribution while offering a wide variety of direct perforated accent patterns along its wings creating its own unique styling contrast.

SPECIFICATIONS

Housing: One piece die formed 20 gauge cold rolled steel welded construction forming a 1 3/4" x 8 7/8" wave profile. The pattern is 2" square with white .020 translucent overlay. The housing ends are die formed extruded aluminum. The decorative intermediate end caps are provided for mounting and joining individual fixtures in rows. Finished ends are laser cut aluminum, with no exposed hardware or knockouts.

Reflector: Die formed 20-gauge cold rolled steel minimum 90% reflectivity in high gloss white enamel with die formed .025 specular anodized aluminum center reflector.

Electrical: Ballast is electronic, high power factor, thermally protected class P, sound rated A, with less than 10% total harmonic distortion. The minimum number of ballasts will be used unless otherwise specified.

Mounting: Standard Installation is an adjustable self-locking aircraft cable assembly 48" x 3/32" in diameter with 5" canopy. One 16/4 SJT straight 54" cord is supplied with each power feed. Standard pendants are available in 24" lengths. See Accessories for additional mounting.

Finish: Fixture housing and steel components are finished in baked white enamel applied over a five stage pretreatment process.

Lamps: Fixtures are provided for use with two 28 watt T5 or two 54 watt T5 HO lamps. (Supplied by Others)

Certification: Luminaires are U. L. listed, C. S. A. certified and are Union Made in the United States of America I.B.E.W.

ORDERING GUIDE

MODEL NO.	DIRECTION	SHIELDING	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
G4	- DI	- 6	- 228T5	- AC	- 4	- W	- 120v	- See Options Below
G4	DI = Direct/ Indirect	6 = Square Cluster	228T5 254T5 HO	AC = Cable PD = Pendant	4 = 4 ft 8 = 8 ft	W = White CC = Custom Color	120v 277v	

O=Other Specify See Accessories for other, please enter row length (eg. 48=48ft)

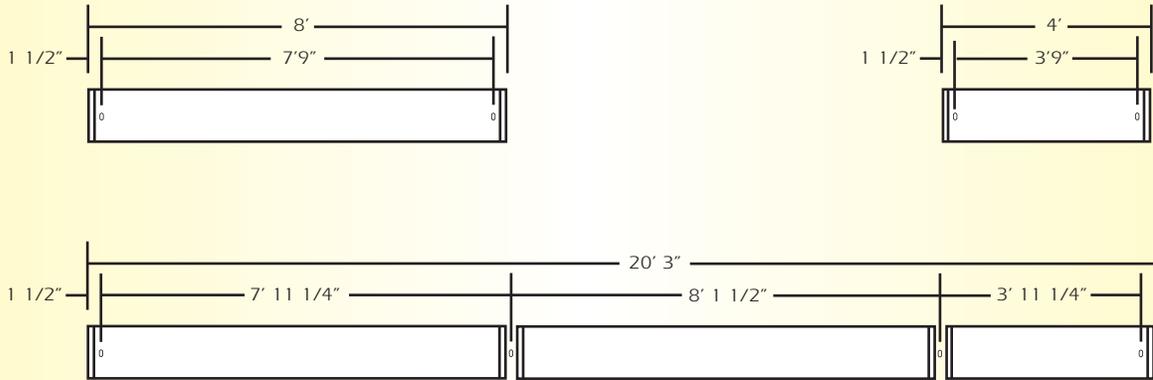
Example: **G4-DI-6-254T5HO-AC-4-W-277V**

Generation Four with square continuous pattern with opal overlay for two 54 watt T5 HO lamps with two 48 inch aircraft cables and power feed four foot fixture finished in bake white enamel with 277v electronic ballast less than 10% total harmonic distortion.

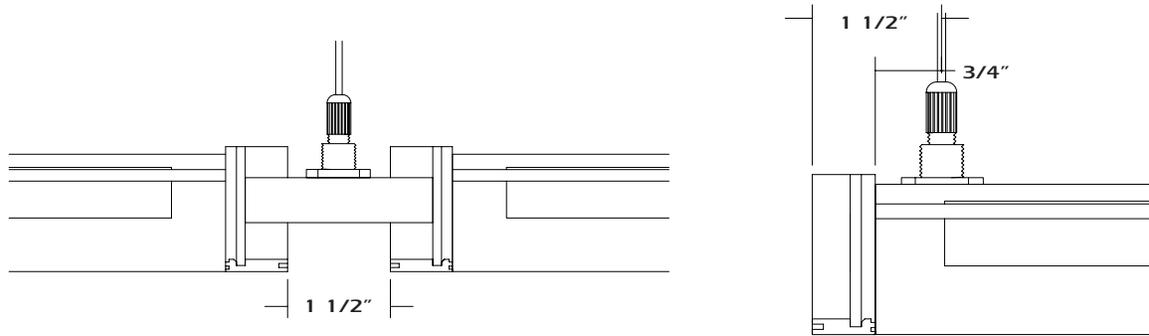
OPTIONS

- DIM=** Dimming Ballast
- EPC=** Emergency Battery Pack
- EMC=** Emergency Circuit
- TCW=** Two Circuit Wiring
- TDW=** Tandem Wiring
- QCW=** Quick Connect Wiring
- OTH=** See Accessories for other options available

LINEAR SECTIONS AND SUSPENSION LOCATION



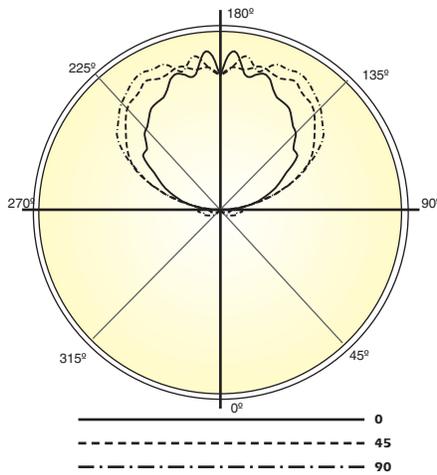
INSTALLATION PREPARATION



TYPICAL JOINT DETAIL

TYPICAL END DETAIL

PHOTOMETRY



LAMP (2) 54W T5 HO
LUMENS: 5000 PER LAMP

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
0	88	88	88	88	88
5	96	79	72	89	102
15	95	90	105	90	101
25	89	86	95	95	79
45	70	66	81	94	97
55	52	67	78	93	100
65	48	55	75	100	117
75	36	46	71	94	107
85	21	42	89	110	127
95	202	186	154	150	147
105	522	626	653	662	646
115	786	962	1085	1110	1129
125	1061	1253	1383	1476	1532
135	1312	1491	1638	1711	1725
145	1531	1617	1829	1920	1926
155	1645	1737	1886	1941	1973
165	1739	1832	1794	1922	1940
175	1658	1885	1806	1721	1912
180	1766	1766	1766	1766	1766

Optical Distribution:
93% Indirect: 7% Direct

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

	.8	.7	.5	.3	.1	0												
pcc	.8	.7	.5	.3	.1	0												
pw	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	0							
RCR	0	72	72	72	63	63	63	63	44	44	44	28	28	28	12	12	12	5
1	66	62	59	57	56	54	52	49	38	37	35	24	23	22	9	9	9	3
2	59	54	50	46	51	47	43	40	33	31	29	20	19	18	7	7	7	3
3	54	47	42	38	46	41	37	33	29	26	24	18	16	15	6	6	6	2
4	49	42	36	32	42	36	32	28	26	23	20	16	14	13	5	5	5	2
5	45	37	31	27	39	32	27	24	23	20	17	14	12	11	4	4	4	1
6	41	33	27	23	35	28	24	20	20	17	15	13	11	9	4	4	4	1
7	38	29	24	20	33	25	21	17	18	15	13	11	9	8	3	3	3	1
8	35	26	21	17	30	23	18	15	16	13	11	10	8	7	3	3	3	1
9	32	24	19	15	28	21	16	13	15	12	10	9	7	6	2	2	2	1
10	30	22	17	13	26	19	15	12	14	11	9	8	7	5	2	2	2	1



Total Luminaire Optical Efficiency = 75%