

TYPE _____

FEATURES

The G4-DI-10 presents a unique shallow winged profile and is one variation of a complete family of suspended linear fluorescent luminaires. The G4-DI-10 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 2 5/8" x 11" wave profile. Continuous diagonal pattern is 1/4" 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 20% 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 1/4 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 32 watt T8 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	- 10	- <input type="checkbox"/>	- <input type="checkbox"/>	- <input type="checkbox"/>	- <input type="checkbox"/>	- <input type="checkbox"/>	- <input type="checkbox"/>
G4	DI = Direct/ Indirect	10 =Square Diagonal	232T8	AC = Cable PD = Pendant	4 = 4 ft 8 = 8 ft	W = White CC = Custom Color	120v 277v	See Options Below
			O =Other Specify	See Accessories	for other, please enter row length (eg. 48=48ft)			

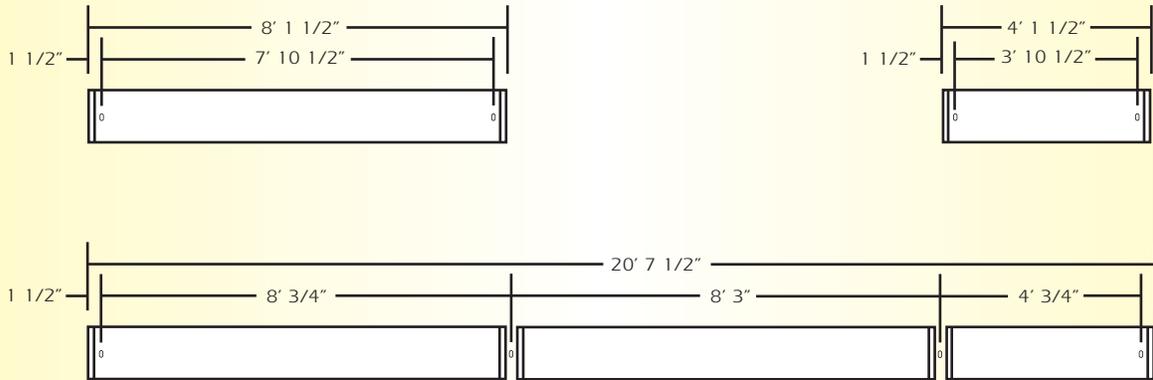
Example: **G4-DI-10-232T8-AC-4-W-277V**

Generation Four with square diagonal continuous pattern with opal overlay for two 32 watt T8 lamps with two 48 inch aircraft cables and power feed four foot fixture finished in baked white enamel with 277v electronic ballast less than 20% total harmonic distortion.

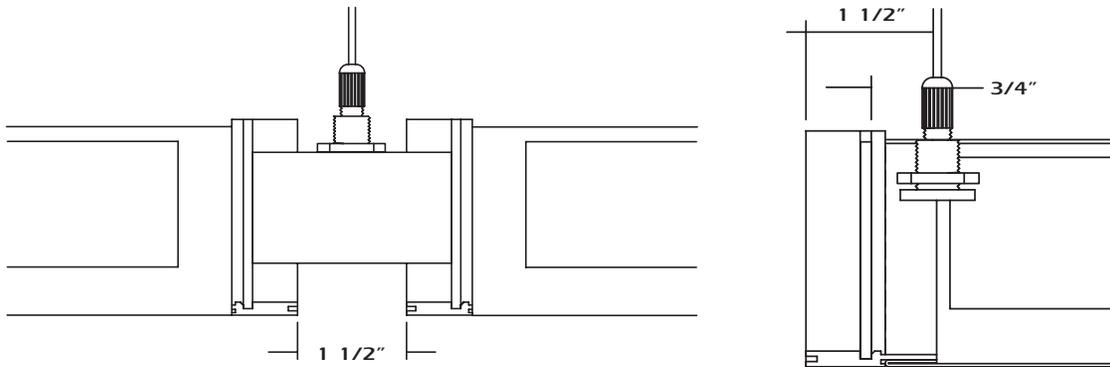
OPTIONS

- E10=** Electronic ballast, high power factor, thermally protected class P, sound rated A, < 10% total harmonic distortion
- 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



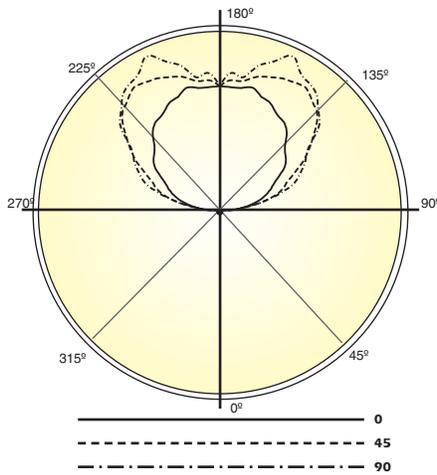
INSTALLATION PREPARATION



TYPICAL JOINT DETAIL

TYPICAL END DETAIL

PHOTOMETRY



LAMP (2) 32W T8
LUMENS: 2900 PER LAMP

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
0	53	53	53	53	53
5	27	43	54	50	39
15	50	47	47	46	44
25	44	44	44	46	45
45	34	35	38	37	37
55	23	29	28	35	43
65	25	20	26	34	39
75	17	16	26	32	34
85	9	14	20	28	31
95	136	147	134	147	139
105	320	387	448	482	481
115	492	630	642	692	739
125	619	817	909	881	844
135	761	920	1110	1133	1114
145	892	1008	1214	1244	1299
155	945	1022	1169	1273	1326
165	1045	1030	1090	1166	1200
175	1076	1029	997	1028	1021
180	1062	1062	1062	1062	1062

Optical Distribution:
96% Indirect: 4% 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	77	77	77	77	66	66	66	66	46	46	46	28	28	28	11	11	11	3
1	70	67	64	61	60	57	55	53	40	39	37	24	23	23	9	9	9	2
2	64	58	54	50	55	50	46	43	35	33	31	21	20	19	7	7	7	2
3	58	51	45	41	50	44	39	36	31	28	26	19	17	16	6	6	6	2
4	53	45	39	34	45	39	34	30	27	24	22	16	15	13	5	5	5	1
5	48	40	34	29	41	34	29	26	24	21	18	15	13	11	4	4	4	1
6	44	35	29	25	38	30	25	22	21	18	16	13	11	10	4	4	4	1
7	41	32	26	21	35	27	22	19	19	16	14	12	10	8	3	3	3	1
8	37	28	23	19	32	25	20	16	17	14	12	11	9	7	3	3	3	1
9	35	26	20	16	30	22	18	14	16	13	10	10	8	6	2	2	2	1
10	32	23	18	14	28	20	16	13	14	11	9	9	7	6	2	2	2	1



Total Luminaire Optical Efficiency = 80%