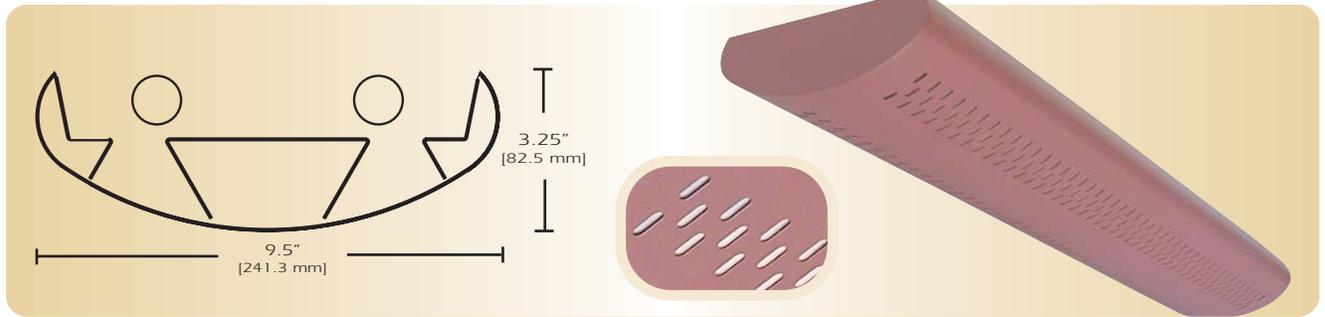


Generation Series 1

G1-DI-5



TYPE _____

FEATURES

The G1-DI-5 is one variation of a complete family of suspended linear fluorescent luminaires. The G1-DI-5 is a direct/indirect version of the family of luminaires. The computer designed optical system creates a widespread indirect distribution while the variety of direct components provides contrast. The low profile and modern design provide excellent efficiency and styling where high performance and uniform lighting are required.

SPECIFICATIONS

Housing: One piece die formed 20-gauge cold rolled steel welded construction forming a 9.50" x 3.25" rounded profile. Continuous obround pattern is 3/16" x 1/2" staggered with white .020 translucent overlay. Finished end caps are laser cut 16-gauge cold rolled steel, with no exposed hardware or knockouts. Aligner brackets are provided to eliminate light leaks and for precision alignment of continuous rows.

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

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 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 one, two or three 32 watt T8 lamps or 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
G1	- DI	- 5	-	-	-	-	-	-
G1	DI= Direct/Indirect	5= Obround Stagger	132T8 232T8 332T8 154T5 HO 254T5 HO 354T5 HO O= Other Specify	AC= Cable PD= Pendant See Accessories	4= 4 ft 8= 8 ft 12= 12 ft for other, please enter row length (eg. 48=48ft)	W= White CC= Custom Color	120v 277v	See Options Below

Example: **G1-DI-5-232T8-AC-4-W-277V**

Generation One with obround staggered 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.

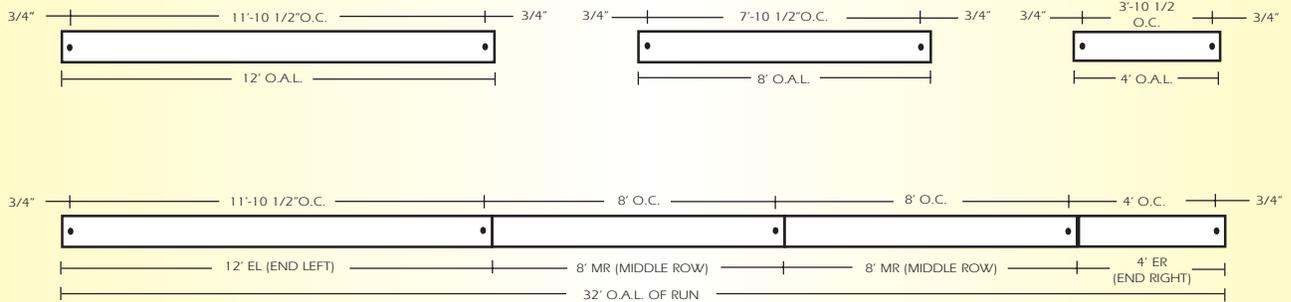
OPTIONS

- 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

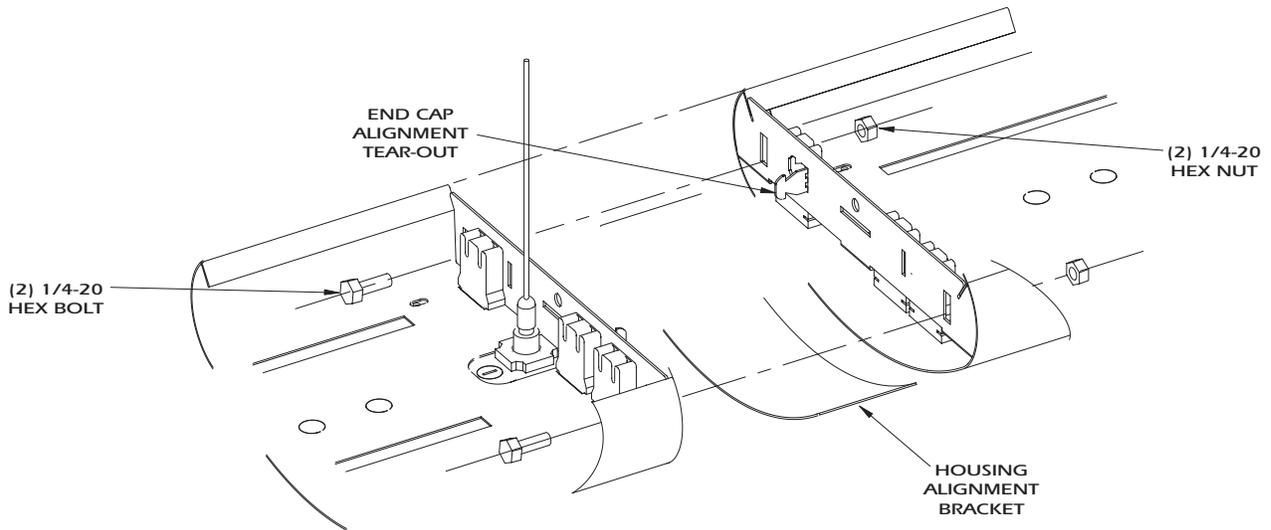
Generation Series 1

G1-DI-5

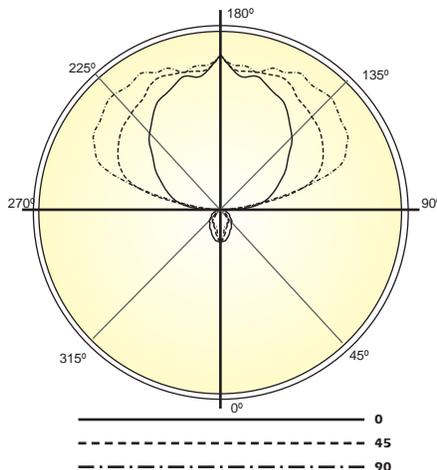
LINEAR SECTIONS AND SUSPENSION LOCATION



INSTALLATION PREPARATION



PHOTOMETRY



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

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
0	247	247	247	247	247
5	252	238	206	204	222
15	216	199	142	134	139
25	197	136	121	123	110
35	152	118	107	99	92
45	133	102	78	51	43
55	87	76	37	24	21
65	58	37	18	20	17
75	44	20	13	10	9
85	44	32	18	6	5
95	191	224	163	125	119
105	297	504	683	700	671
115	422	610	868	1026	1064
125	578	708	940	1101	1166
135	734	815	991	1155	1205
145	852	921	1013	1159	1182
155	966	1017	1113	1134	1170
165	1020	1066	1072	1100	1080
175	1040	1075	1069	1099	1093
180	1169	1169	1169	1169	1169

Optical Distribution:
93% Indirect: 7% Direct

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

	.8	.7	.5	.3	.1	0													
pw	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	0								
RCR	0	85	85	85	85	74	74	74	74	52	52	52	32	32	32	14	14	14	6
1	77	74	70	68	67	64	61	59	45	44	42	28	27	27	13	12	12	5	
2	70	64	59	55	61	56	52	48	40	37	35	25	23	22	11	10	10	4	
3	64	56	50	46	55	49	44	40	35	32	29	22	20	19	10	9	9	3	
4	58	50	43	38	50	43	38	34	31	27	25	19	17	16	9	8	7	3	
5	53	44	37	33	46	38	33	29	27	24	21	17	15	14	8	7	6	3	
6	49	39	33	28	42	34	29	25	24	21	18	15	13	12	7	6	5	2	
7	45	35	29	24	39	31	25	21	22	18	16	14	12	10	6	5	5	2	
8	42	32	25	21	36	28	22	19	20	16	14	13	10	9	6	5	4	2	
9	39	29	23	18	33	25	20	16	18	14	12	11	9	8	5	4	4	2	
10	36	26	20	16	31	23	18	14	16	13	11	10	8	7	5	4	3	1	



Total Luminaire Optical Efficiency = 88.2%