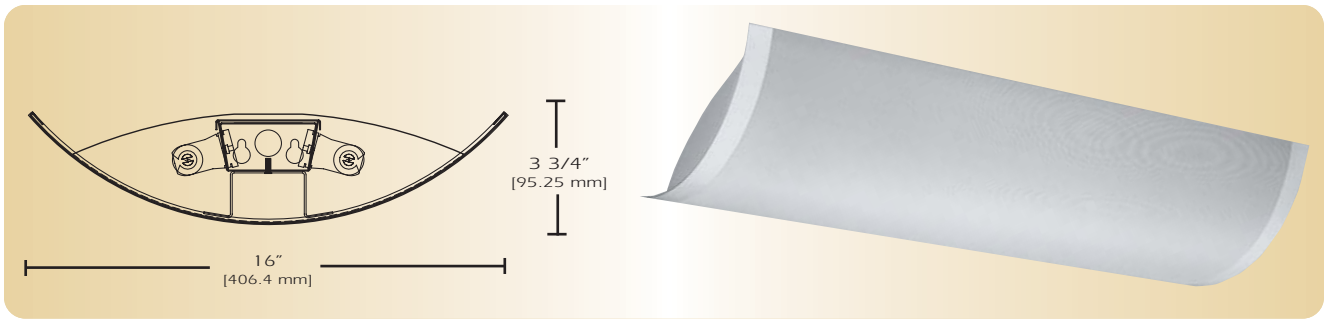
JOB NAME: TYPE:

JAZZ Series JAZ-AP



TYPE _____

FEATURES

The Jazz AP is one variation of a complete family of direct/indirect fluorescent luminaires. Constructed of perforated steel and aluminum extrusions, it features a reveal between modules in continuous rows. The Jazz AP series is fully perforated with 1/16" holes on 3/32" staggered centers. The computer designed optical system creates widespread indirect distribution, while a variety of direct components provides useful contrast.

SPECIFICATIONS

Housing: One piece die formed 20-gauge cold rolled steel construction forming a 16" x 3 3/4" rounded profile. Perforated housing is 1/16 " x 3/32" staggered centers with white .020 translucent overlay. The housing trim is die formed extruded aluminum with aluminum recessed ends. Decorative connectors join fixtures in rows.
Reflector: Die formed 20 gauge cold rolled steel minimum 90% reflectivity finished in high gloss baked white enamel. Die formed specular reflector is also available.
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 two 32-watt T8 lamps or 54-watt T5 HO lamps. Also available with 40 watt or 50 watt compact fluorescent 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		LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
JAZ AP	—	**DI**	—		—	—	—	—	—
JAZ AP		**DI**= Direct/ Indirect		**232T8** **228T5** **254T5HO** **440CF** **450CF**	**AC**= Cable **PD**= Pendant	**4**= ft **8**= ft	**W**= White **CC**= Custom Color	**120v** **277v**	**See Options Below**
					See Accessories	for other, please enter row length (eg. 48=48ft)			

Example: **JAZ-AP-DI-232T8-AC-4-W-120V**
Jazz All Perforated for two 32 watt T8 lamps including two 48inch aircraft cables and power feed four foot fixture finished in baked white enamel 120v 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
OTH=	See Accessories for other options available

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t. (401) 467-8232 / f. (401) 941-2960 / e. sales@dayolite.com
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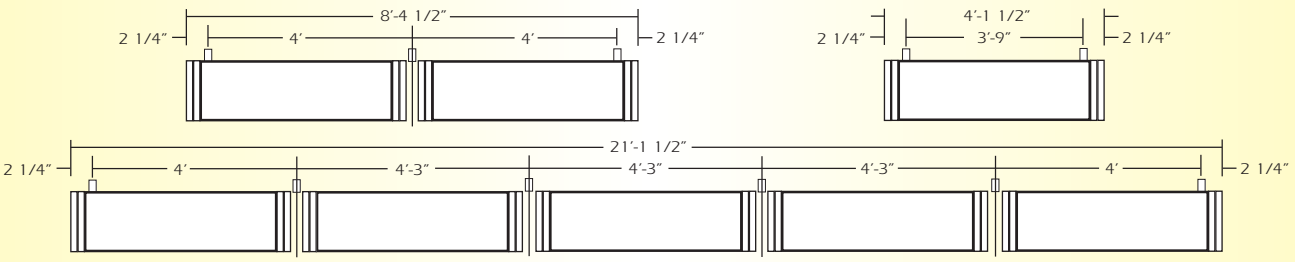
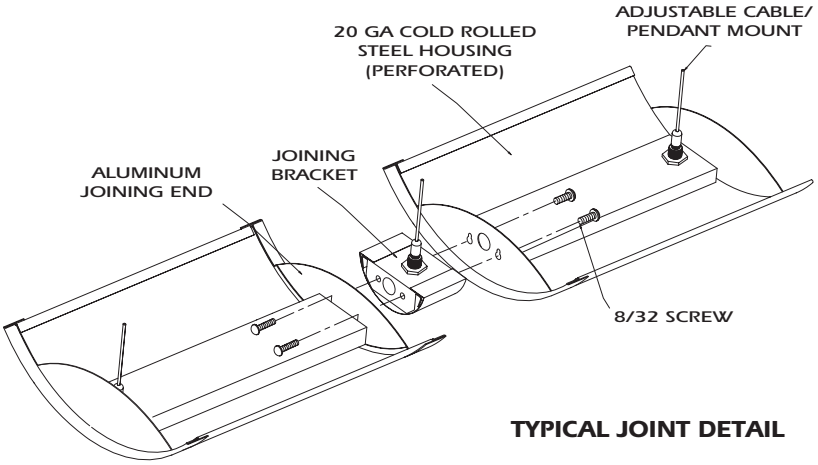
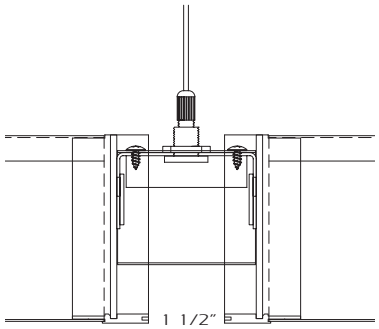
LINEAR SECTIONS AND SUSPENSION LOCATION



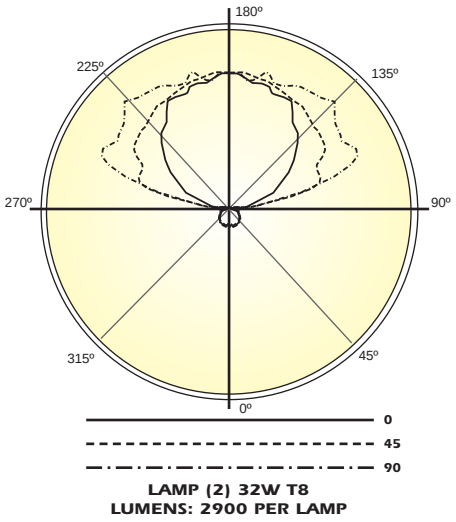
INSTALLATION PREPARATION



TYPICAL JOINT DETAIL



PHOTOMETRY



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

Candela Distribution:

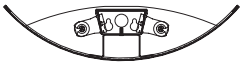
Vert. Angle	0	22.5	45	67.5	90
0	370	370	370	370	370
10	353	344	325	336	321
20	289	312	311	314	311
30	271	294	276	282	293
40	234	234	251	254	241
50	201	193	199	195	207
60	149	151	151	158	169
70	97.3	108	108	117	117
80	72.5	64.6	71.2	79.2	86.4
90	31.2	52.7	49.5	55.2	54.1
100	199	230	248	237	229
110	425	393	430	518	560
120	615	579	598	627	635
130	796	766	745	761	769
140	937	933	884	876	891
150	1051	1076	1006	995	1016
160	1136	1151	1167	1141	1147
170	1171	1135	1187	1213	1210
180	1146	1146	1146	1146	1146

Optical Distribution:
79 % Indirect: 21% Direct

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

pcc	.8				.7				.5			.3			.1			0
pw	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
RCR																		
0	84	84	84	84	75	75	75	75	56	56	56	40	40	40	25	25	25	18
1	76	73	69	66	67	64	62	59	49	47	45	34	33	32	21	21	20	14
2	69	63	58	54	61	56	52	48	42	39	37	30	28	26	18	17	16	11
3	63	55	49	44	55	49	44	40	37	34	31	26	24	22	16	15	14	9
4	57	49	42	37	50	43	38	33	33	29	26	23	21	19	14	13	12	8
5	53	43	36	32	46	38	33	28	29	25	22	21	18	16	13	11	10	7
6	48	38	32	27	42	34	28	24	26	22	19	18	16	14	11	10	9	6
7	44	34	28	23	39	31	25	21	23	19	17	17	14	12	10	9	8	5
8	41	31	25	20	36	28	22	18	21	17	14	15	12	11	9	8	7	4
9	38	28	22	18	33	25	20	16	19	15	13	14	11	9	9	7	6	4
10	35	26	20	16	31	23	18	14	18	14	11	13	10	8	8	6	5	4



Total Luminaire Optical Efficiency = 84.4%

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