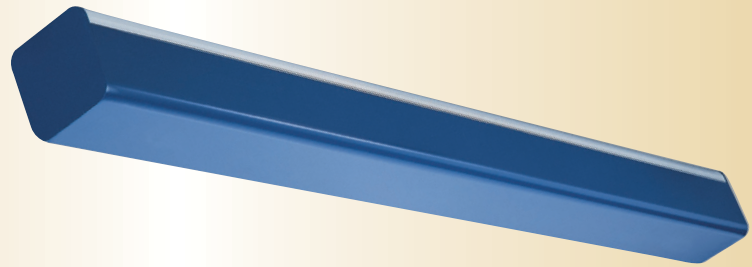
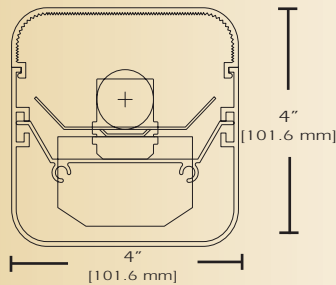


Squares

AD-SS4-I



TYPE _____

FEATURES

The AD-SS4 soft square series is an extruded aluminum luminaire available with a clear ribbed acrylic lens. The luminaires can be mounted individually, in rows or in any of combination of patterns. The luminaires in this series provide low glare and widespread illumination. The simplicity of the AD-SS4 series is the solution for open spaces while providing maximum design versatility to meet the perceived source of illumination for a specific environment.

SPECIFICATIONS

Housing: One piece heavy gauge extruded aluminum 6063T5 alloy welded construction forming a 4" x 4" soft square profile. Finished end caps are welded with no exposed hardware or knockouts.

Reflector: Die formed 20-gauge cold rolled steel minimum 90% reflectivity finished in high gloss baked white enamel.

Shielding: Standard lens is extruded acrylic with linear ribs (ARL) for efficient light distribution.

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 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 or two 32 watt T8 lamp or 54 watt T5 HO lamp. (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
AD-SS4	I	ARL	132 T8 232 T8 154T5 HO 254T5 HO	AC Cable PD Pendant WM Wall Mounted	4 = ft 8 = ft	W = White CC = Custom Color	120v 277v	See Options Below
	I = Indirect	ARL = Acrylic Ribbed Lens	O =Other Specify	See Accessories	for other, please enter row length (eg. 48=48ft)			

Example: **AD-SS4-I-ARL-132T8-AC-4-W-120V**

AD-SS4 indirect with acrylic ribbed linear lens for one 32 watt T8 lamps including two 48 inch aircraft cables and power feed four foot fixture finished in baked white enamel 120v electronic ballast less than 20% total harmonic distortion.

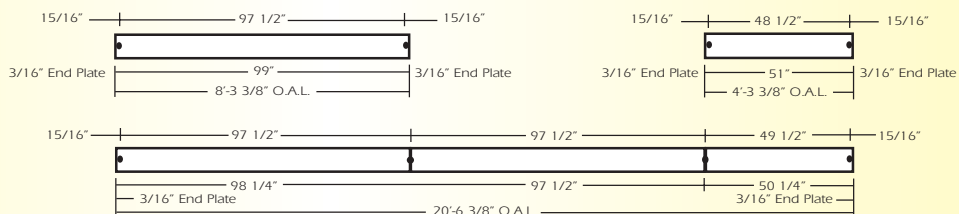
OPTIONS

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

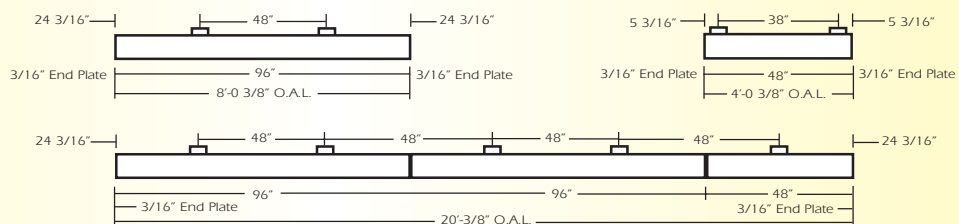
AD-SS 4-1

LINEAR SECTIONS AND SUSPENSION LOCATION

SUSPENSION MOUNTING

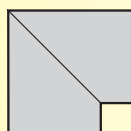


WALL MOUNTING

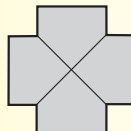


CORNERS

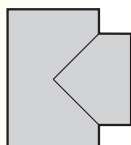
Corners and fixture extensions are custom fabricated to precise dimensions. Please indicate the specific requirements on the layout



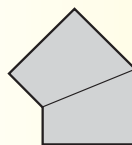
C2
90° Corner



C4



C3
3-Way
Corner
(Tee)

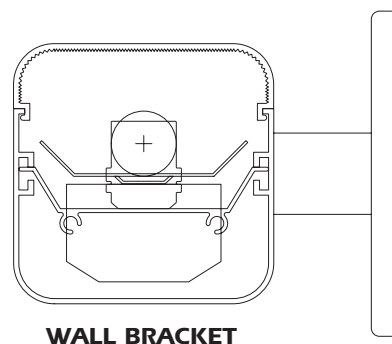
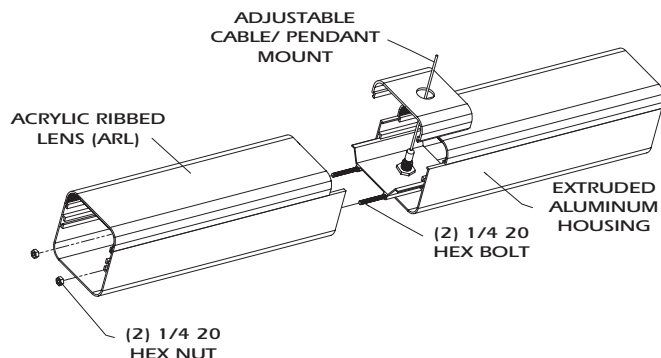


()° AC
Angular
Corner

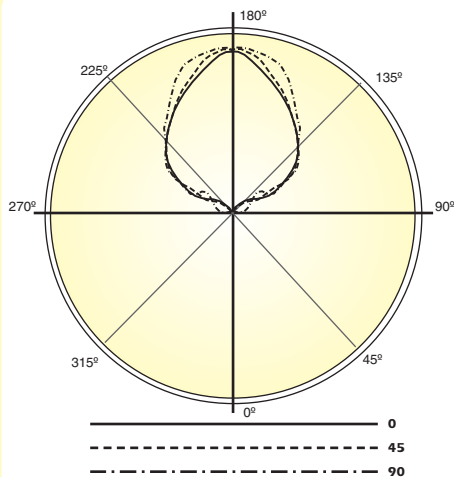
For any angular corner, ()° must be specified and dimensions must be included on the layout

For any pattern, a layout must accompany the order.

INSTALLATION PREPARATION



PHOTOMETRY



LAMP (1) 32W T8
LUMENS: 2900 PER LAMP

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
90	3	18	60	97	100
95	14	28	75	120	128
100	33	49	96	156	167
105	56	70	126	196	213
110	70	87	146	228	248
115	98	110	170	252	273
120	133	150	205	281	305
125	189	203	256	312	334
130	275	272	312	353	376
135	370	359	377	399	424
140	459	455	452	455	484
145	537	532	529	524	529
150	591	586	594	596	609
155	628	626	634	646	633
160	657	661	652	657	659
165	684	661	665	674	683
170	689	683	690	682	661
175	690	683	696	697	735
180	734	734	734	734	734

Optical Distribution:
100% Indirect

Coefficients of Utilization - Zonal Cavity Method:

pfc = 0.20

ppc	.8	.7	.5	.3	.1	0												
pw	.7	.5	.3	.1	.5	.3	.1	0										
RCR																		
0	64	64	64	56	56	56	56	39	39	24	24	11	11	11	4			
1	58	55	52	50	47	45	43	33	32	30	20	19	19	7	7	7	2	
2	52	48	43	40	45	41	38	35	29	27	25	17	16	15	6	6	6	1
3	48	42	37	33	41	36	32	29	25	23	20	15	14	12	4	4	4	1
4	43	37	31	28	37	32	27	24	22	19	17	13	12	10	4	4	4	1
5	40	32	27	23	34	28	24	20	20	17	15	12	10	9	3	3	3	0
6	36	29	24	20	31	25	20	17	17	15	12	11	9	8	3	3	3	0
7	33	26	21	17	29	22	18	15	16	13	11	9	8	7	2	2	2	0
8	31	23	18	15	26	20	16	13	14	11	9	7	6	2	2	2	0	0
9	29	21	16	13	24	18	14	11	13	10	8	6	5	2	2	2	0	0
10	26	19	14	11	23	16	13	10	12	9	7	5	4	1	1	1	0	0



Total Luminaire Optical Efficiency = 66.6%