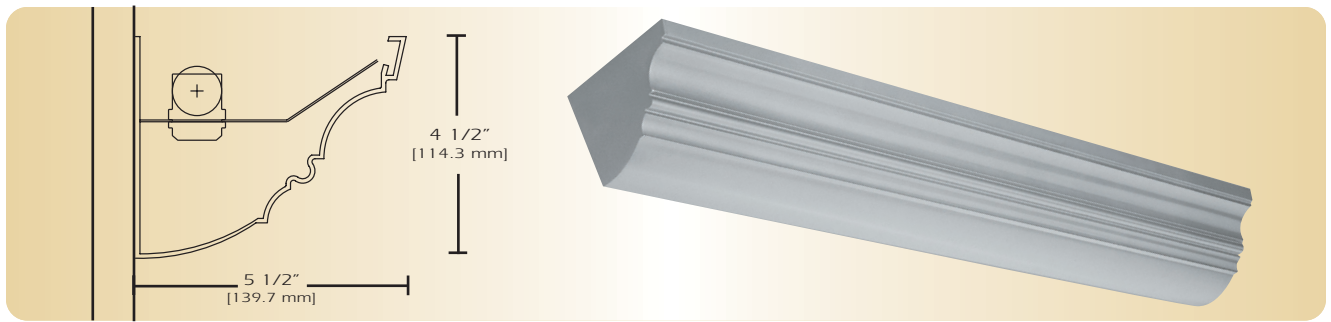


Special Profiles

AD-103-I-WM



TYPE _____

FEATURES

The AD 103 I WM is the wall mounted group of this complete family of luminaires. A smooth laser cut welded end finishes the graceful sculptured contour of the extruded aluminum profile. The computer designed optical system creates a wide asymmetric glare-free indirect distribution. These fixtures can be mounted individually, in continuous runs or patterns.

SPECIFICATIONS

Housing: One piece heavy gauge extruded aluminum 6063T5 alloy welded construction forming a 4 1/2" x 5 1/2" scallop profile. Finished end caps are welded to the housing with no exposed hardware or knockouts.

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

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 mounting holes are provided for ease of installation please see mounting details for specific locations.

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 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	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
AD-103	I	132 T8 232 T8 154T5 HO 254T5 HO	WM= Wall Mount	4= ft 8= ft	W= White CC= Custom Color	120v 277v	See Options Below
AD-103	I= Indirect	O= Other Specify	See Accessories	for other, please enter row length (eg. 48=48ft)			

Example: **AD-103-I-232T8-WM-4-W-120V**

AD-103 indirect with two 32 watt T8 lamps wall mounted four foot fixture finished in baked white enamel 120v electronic ballast less than 20% harmonic distortion.

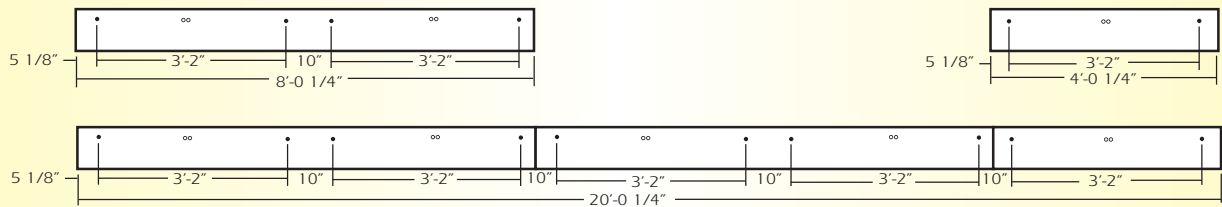
OPTIONS

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

Special Profiles

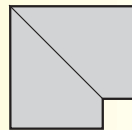
AD-103-I-WM

WALL MOUNTING



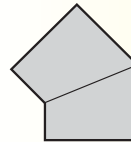
CORNERS

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



C2

90° Corner



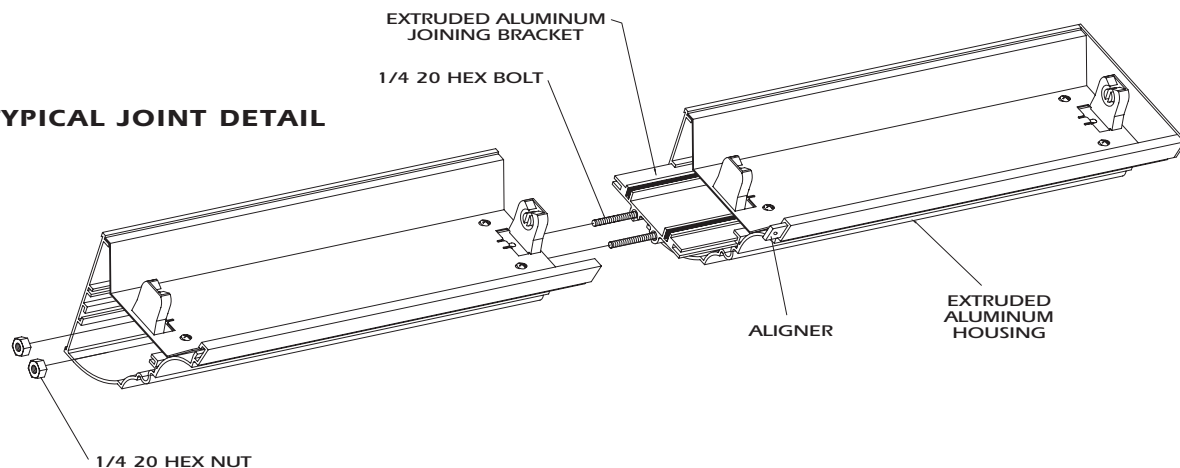
()° AC

Angular
Corner

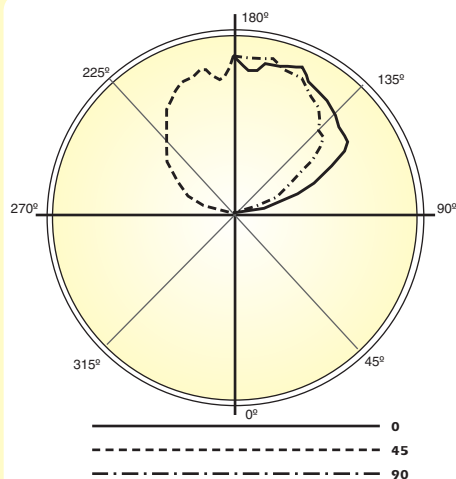
For any angular corner, ()° must be specified and dimensions must be included on the layout

For any pattern, a layout must accompany the order.

TYPICAL JOINT DETAIL



PHOTOMETRY



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

Candela Distribution:

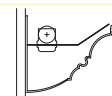
Vert. Angle	0	22.5	45	67.5	90
90	5.98	8.52	9.49	6.79	6.78
95	39.5	46.5	54.2	45.2	40.5
100	118	135	147	136	120
105	183	247	260	249	174
110	233	344	380	343	228
115	277	422	496	418	281
120	329	466	587	477	336
125	387	506	604	505	383
130	428	557	620	551	434
135	473	570	638	571	466
140	504	620	657	610	504
145	562	634	703	619	572
150	608	655	722	660	617
155	622	652	723	664	627
160	675	708	716	682	682
165	685	684	720	717	667
170	697	708	674	700	701
175	633	712	682	688	744
180	739	739	739	739	739

Optical Distribution:
100% Indirect

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	.5	.3	.1	0
RCR																					
0	77	77	77	77	66	66	66	66	45	45	45	26	26	26	8	8	8	8	8	8	0
1	70	67	64	61	60	57	55	53	39	38	36	22	22	21	7	7	6	6	6	6	0
2	64	58	54	50	54	50	46	43	34	32	30	19	18	17	6	6	5	5	5	5	0
3	58	51	46	41	49	44	39	36	30	27	25	17	16	14	5	5	4	4	4	4	0
4	53	45	39	35	45	38	34	30	26	23	21	15	13	12	4	4	4	4	4	4	0
5	48	40	34	29	41	34	29	25	23	20	18	13	12	10	4	3	3	3	3	3	0
6	44	35	29	25	38	30	25	22	21	18	15	12	10	9	3	3	3	3	3	3	0
7	41	32	26	21	35	27	22	19	19	15	13	11	9	8	3	3	2	2	2	2	0
8	37	28	23	19	32	24	19	16	17	14	11	9	8	7	3	2	2	2	2	2	0
9	35	26	20	16	29	22	17	14	15	12	10	9	7	6	2	2	2	2	2	2	0
10	32	23	18	14	27	20	15	12	14	11	9	8	6	5	2	2	1	1	1	1	0



Total Luminaire Optical Efficiency = 81.9%