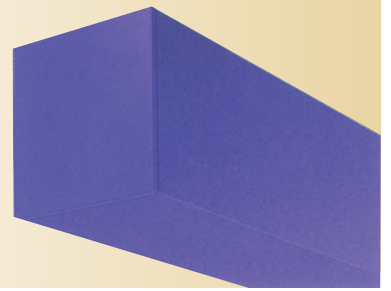
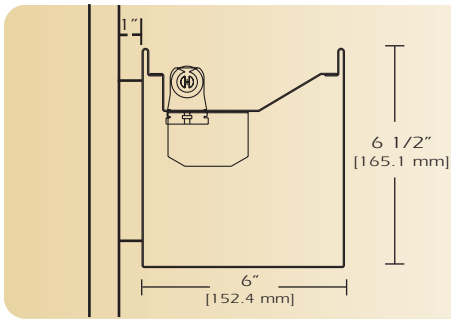


General Illumination

PTP-IAI-WM



TYPE _____

FEATURES

The PTP architectural linear series is an extraordinarily efficient steel luminaire. The PTP IAI is designed with an asymmetric inward indirect distribution for wall mounting. This series can be mounted individually, in perfectly aligned continuous rows or in any of combination of patterns. The PTP series is an ideal solution for open spaces and provides maximum design versatility.

SPECIFICATIONS

Housing: Die formed 20 gauge cold rolled steel welded construction. Finished end caps are laser cut 18 gauge cold rolled steel, with no exposed hardware or knockouts. Housing aligners provide precision alignment for continuous rows.

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: Provided with wall mounting brackets measuring 5" square by 1" deep. Finished in white to match housing.

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 32 watt T8 lamp 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	NO. OF LAMPS	LAMPS	MOUNTING	LENGTH	FINISH	VOLTAGE	OPTIONS
PTP	IAI	1	17 T8 (2') 25 T8 (3') 32 T8 (4') 40 T8 (5') 28 T5 (4') 54 T5 HO (4')	WM= Wall	2= ft 3= ft 4= ft 5= ft 6= ft 8= ft	W= White CC= Custom Color	120v 277v	See Options Below
PTP	IAI= Indirect Asymmetric In	1= 1	O=Other Specify	See Accessories	for other, please enter row length (eg. 48=48ft)			

Example: **PTP-IAI-132T8-WM-4-W-120V**

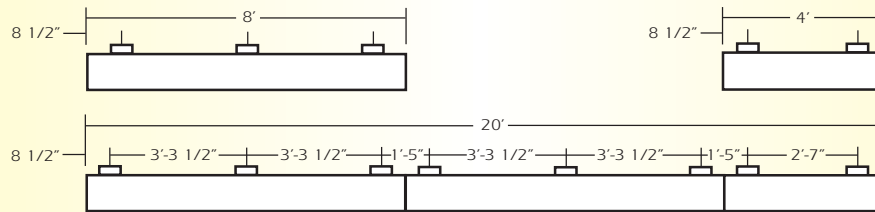
PTP Indirect Asymmetric In for one 132 watt T8 lamp wall mounted four foot fixture finished in baked white enamel 120v electronic ballast 20% total harmonic distortion.

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
OTH=	See Accessories for other options available.

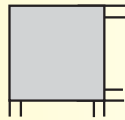
General Illumination PTP-IAI-WM

LINEAR SECTIONS AND SUSPENSION LOCATION



JOINERS

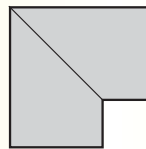
JB2



JB2-90° (Corner) Joiner Box

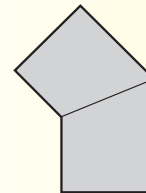
CORNERS

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



C2

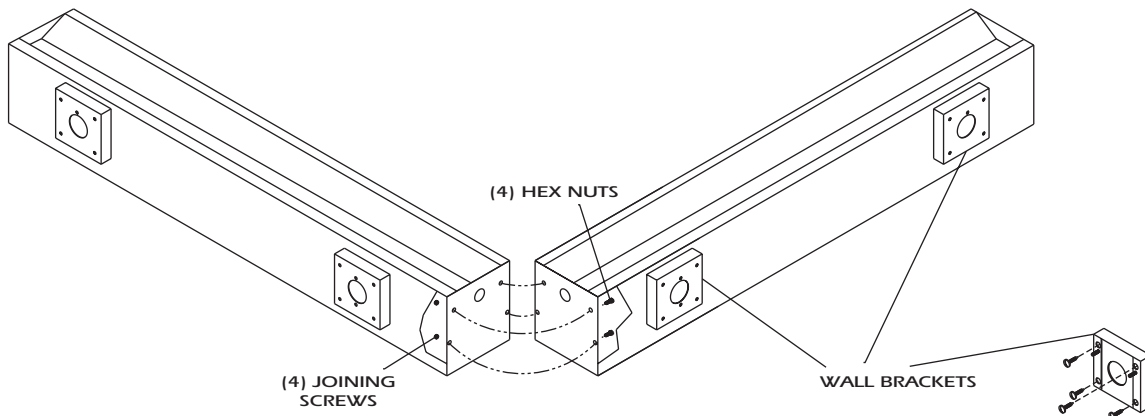
90° Corner



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

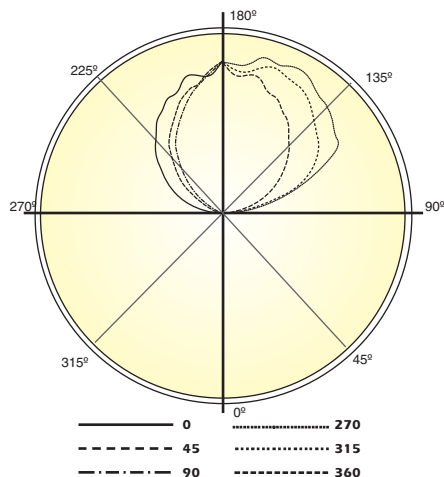
()° AC
Angular
Corner

INSTALLATION PREPARATION



TYPICAL JOINT DETAIL

PHOTOMETRY



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

Candela Distribution:

Vert. Angle	0	22.5	45	67.5	90
90	0.00	0.00	0.52	0.00	3.50
95	0.00	0.42	1.78	6.83	29.7
100	6.30	7.69	12.6	24.9	84.8
105	19.8	20.5	28.7	60.1	136
110	39.3	38.8	50.4	109	185
115	54.5	58.1	77.0	164	247
120	80.2	92.5	137	218	292
125	124	143	207	283	351
130	183	205	263	329	400
135	255	263	316	393	437
140	307	330	394	441	469
145	397	392	451	474	537
150	429	439	485	521	571
155	479	473	520	589	590
160	516	535	569	607	613
165	583	606	612	664	667
170	656	638	621	639	670
175	677	716	687	683	660
180	727	727	727	727	727

Optical Distribution:
100% Indirect

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
RCR	.1	.7	.5	.3	.1	.5
0	66	66	66	66	57	57
1	60	57	55	53	33	32
2	55	50	46	43	29	27
3	50	44	39	35	26	23
4	45	39	34	30	23	20
5	41	34	29	25	20	17
6	38	30	25	21	18	15
7	35	27	22	18	16	13
8	32	24	19	16	14	12
9	30	22	17	14	13	10
10	28	20	15	12	12	9



Total Luminaire Optical
Efficiency = 70.1%