

TYPE _____

FEATURES

The AP 35 DI series is a direct/indirect version of the family of beveled steel luminaires. The AP 35 DI is designed with direct/indirect distribution for suspended mounting. This series can be mounted individually, in perfectly aligned continuous rows, or in any of combination of patterns. This series is available with a variety of down light shielding components. The AP 35 DI series is an ideal solution for larger spaces with high ceilings where both indirect distribution and direct task lighting is desirable.

SPECIFICATIONS

Housing: Two piece die formed 20-gauge cold rolled steel welded construction forming a 3 1/2" x 9" beveled profile. Finished end caps are laser cut 18-gauge cold rolled steel, with no exposed hardware or knockouts. Adjustable mounting brackets provide precision alignment of continuous rows.

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

Shielding: Parabolic louver is semi-specular low iridescence aluminum 1 1/4" x 4" O.C. with 12 cells per 4' section. Four spring clips secure snap in baffle including two tethers.

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
AP-35	DI							
AP-35	DI=Direct/ Indirect	PBL=Parabolic Louder SCB= Steel Cross Baffle PRS=Prismatic Acrylic WOA= White Opal Acrylic	132 T8 232 T8 332 T8 154T5 HO 254T5 HO 354T5 HO O=Other Specify	AC= Cable PD=Pendant See Accessories	4= ft 8= ft for other, please enter row length (eg. 48=48ft)	W= White CC= Custom Color	120v 277v	See Options Below

Example: **AP35-DI-PBL-232T8-AC-4-W-120V**

AP35 direct/indirect with parabolic louver for two 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

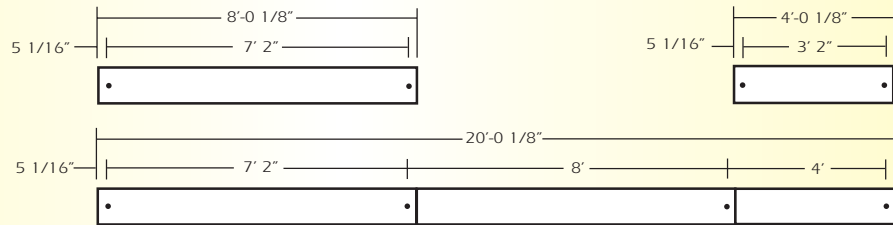
E10=	Electronic ballast, high power factor, thermally protected class P, sound rated A, < 10% total harmonic distortion
DIM=	Dimming Ballast
EPC=	Emergency Battery Pack
EMC=	Emergency Circuit
TCW=	Two Circuit Wiring
TDW=	Tandem Wiring
OTH=	See Accessories for other options available

General Illumination

AP-35-DI

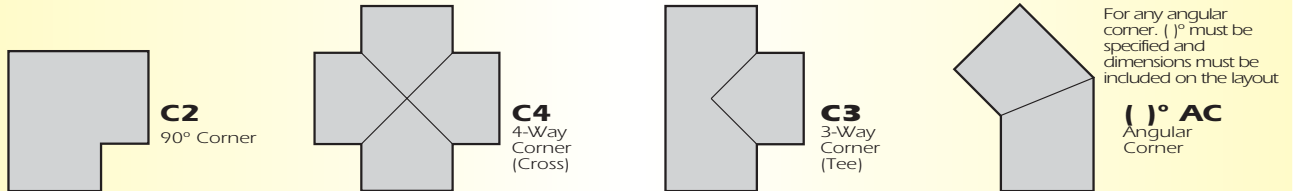
LINEAR SECTIONS AND SUSPENSION LOCATION

SUSPENSION MOUNTING



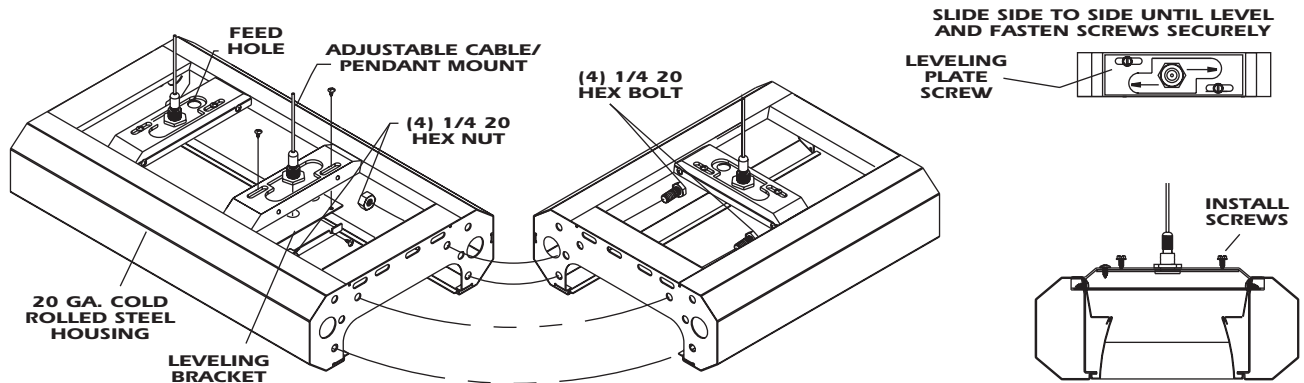
CORNERS

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

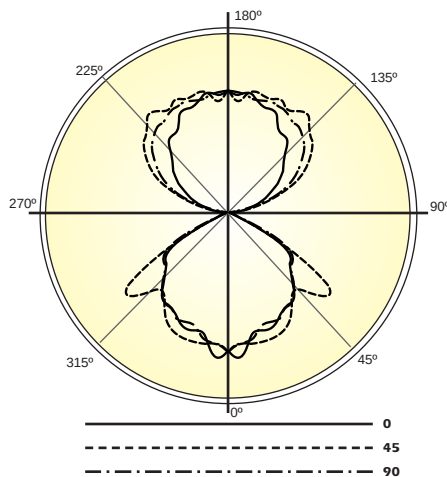


For any pattern, a layout must accompany the order.

INSTALLATION PREPARATION



PHOTOMETRY



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

Candela Distribution:

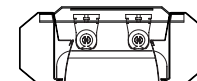
Vert. Angle	0	22.5	45	67.5	90
0	847	847	847	847	847
10	841	793	900	902	905
20	763	849	949	949	924
30	725	810	859	867	897
40	583	715	741	685	639
50	496	579	576	743	834
60	342	391	501	524	462
70	35.0	54.8	65.4	18.4	2.90
80	0.000	0.000	0.000	0.610	0.590
90	2.68	3.88	3.50	2.52	2.48
100	75.5	135	116	112	103
110	181	277	328	379	357
120	304	411	478	516	525
130	415	500	609	647	651
140	514	585	700	739	777
150	611	631	694	779	769
160	640	696	706	747	742
170	687	683	725	719	707
180	707	707	707	707	707

Optical Distribution:
60% Indirect / 40% 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 93 93 93 93	85 85 85 85	70 70 70	57 57 57	44 44 44	38
1	86 82 79 76	78 75 73 70	63 61 59	51 50 49	40 39 39	34
2	78 72 67 63	71 66 62 58	55 52 49	45 43 41	36 34 33	29
3	71 64 57 53	65 58 53 49	49 45 42	40 37 35	32 30 28	25
4	65 56 50 44	60 52 46 41	43 39 36	36 33 30	29 26 25	21
5	60 50 43 38	55 46 40 35	39 34 31	32 29 26	26 23 21	18
6	55 45 38 33	50 41 35 31	35 30 27	29 25 23	23 21 19	16
7	51 40 33 29	46 37 31 27	31 27 23	26 22 20	21 18 16	14
8	47 36 30 25	43 34 28 24	29 24 21	24 20 18	19 17 15	13
9	44 33 27 22	40 31 25 21	26 21 18	22 18 16	18 15 13	11
10	41 30 24 20	37 28 22 19	24 19 16	20 17 14	16 14 12	10



Total Luminaire Optical
Efficiency = 87.8%