



Compact
Fluorescent Trim

6"Pro-Optic Alzak Open Wall Washer
2 Horizontal Lamps
Non-IC

Recessed

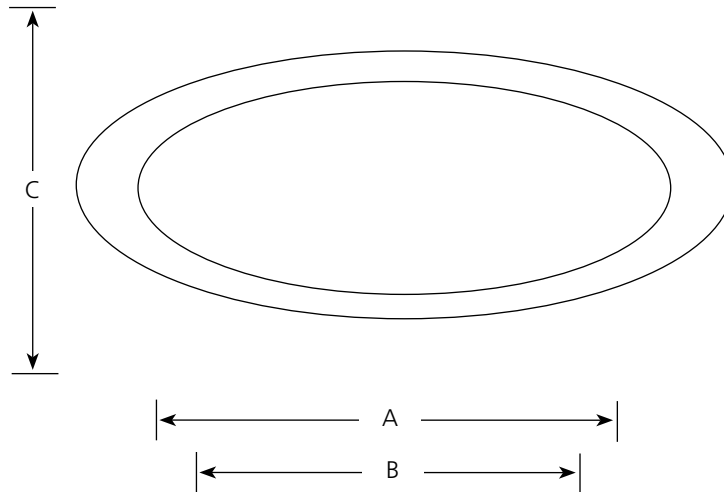
Type _____

-21A -22A
P8113

Finish

Catalog No.	Finish		Dimensions (Inches)		
	Clear Alzak	Gold Alzak	A	B	C
P8113	-21A	-22A	9-3/4	8	9-7/8

Maximum Ceiling Thickness: 1-1/8"



Lamp Wattage

Housing	IC	Non-IC
P8232-EB	N/A	1-32 or 42w Triple tube

Specifications:

Flange

- White painted metal flange

Reflector

- All aluminum construction
- One piece construction with integral finish
- No light leaks around trim flange
- Socket box mounts to trim for optimum performance, and consistent lamp position
- Reflector retention accomplished by 3 spring clips located in aperture of housing
- Alzak finish

Kicker

- Clear diffuse anodized finish
- Mounted in a recessed frame
- Minimal high angle brightness

Labeling

- UL-CUL listed for damp locations
- Non-IC rated

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

P8232-EB/P8113-21A

8" RECESSED/DOWNLIGHT- Slot #1

Report No. 847A-PR

No. Lamps: 2 Type Lamp: 2-CF32DT/E/IN/827-SLYVAN Total Lumens: 4800

Fixture Efficiency: 58.8%

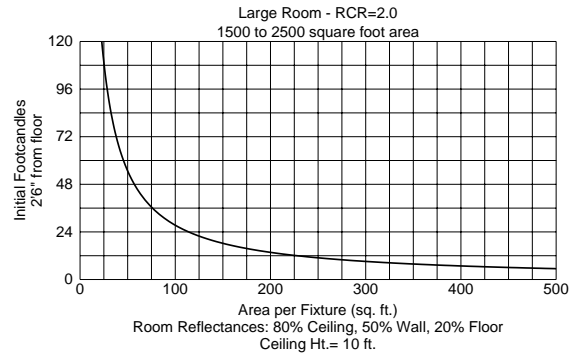
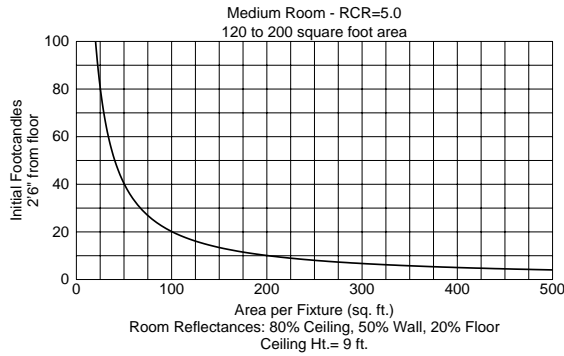
S/MH Ratio: 1.0 (0°) 1.7 (90°)

Single Fixture Data

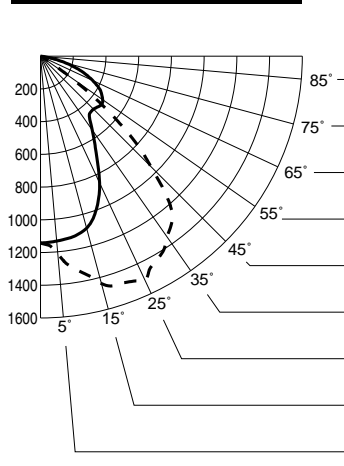
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 103°			Beam Angle - 67°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	3.8	14	37.8	18.9	7
10	2.0	19	20.3	10.2	10
12	1.3	24	12.7	6.3	13
14	0.9	29	8.6	4.3	15
16	0.6	34	6.3	3.1	18

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0°	AT 90°
90	0	0
85	8	1
80	62	6
75	158	11
70	264	15
65	351	22
60	424	39
55	464	212
50	473	614
45	458	952
40	465	1252
35	551	1347
30	680	1432
25	855	1510
20	997	1474
15	1088	1439
10	1122	1331
5	1134	1214
0	1142	1142

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	Effective Floor Cavity Reflectance 0.20																							
	80				70				50				30				10				0			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	70	70	70	70	68	68	68	68	65	65	65	63	63	63	60	60	60	59						
1	66	63	61	60	64	62	60	59	60	58	57	57	56	55	55	54	54	52						
2	61	57	54	51	59	56	53	50	54	51	49	52	50	48	50	49	47	46						
3	56	51	47	44	55	50	47	44	49	46	43	47	45	42	46	44	42	40						
4	52	46	42	39	51	46	41	38	44	41	38	43	40	37	42	39	37	36						
5	48	42	37	34	47	41	37	34	40	36	33	39	36	33	38	35	33	32						
6	45	38	34	30	44	38	33	30	37	33	30	36	32	30	35	32	29	28						
7	42	35	30	27	41	34	30	27	34	30	27	33	29	27	32	29	26	25						
8	39	32	27	24	38	32	27	24	31	27	24	30	27	24	30	26	24	23						
9	37	29	25	22	36	29	25	22	29	25	22	28	24	22	27	24	22	21						
10	34	27	23	20	34	27	23	20	26	23	20	26	22	20	25	22	20	19						