



Metal Halide
Trim

6" Pro-Optic Open Alzak®
Vertical Lamp
Non-IC

Recessed

Type _____

-21A -22A
P8018

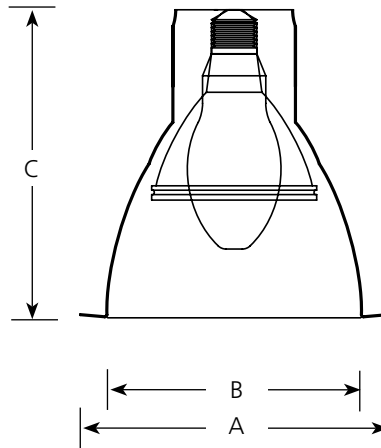
Finish

Catalog No.	Clear Alzak®	Gold Alzak®
P8018	-21A	-22A

Dimensions (Inches)

A	B	C
7	5-3/4	8

Maximum Ceiling Thickness: 1-1/4"



Lamp Wattage

Housing

P8200-EB
P8201-EB

IC

N/A
N/A

Non-IC

1-70w ED17 or PAR30L MH
1-100w ED17 MH

Specifications:

Flange

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

Labeling

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

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

P8200-EB/P8018-21A

6" RECESSED/DOWNLIGHT

Report No. 668-PRO

No. Lamps: 1 Type Lamp: 1-70W/ED-17 MP70/C/U/MED Total Lumens: 4700

Fixture Efficiency: 59.4%

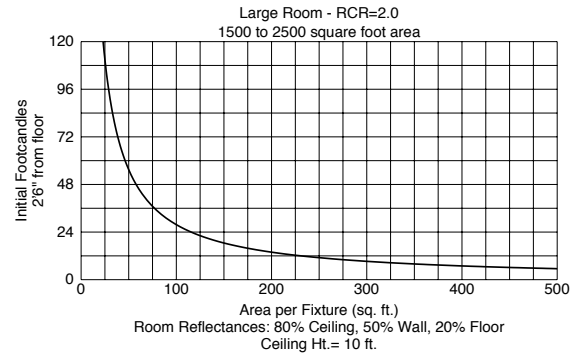
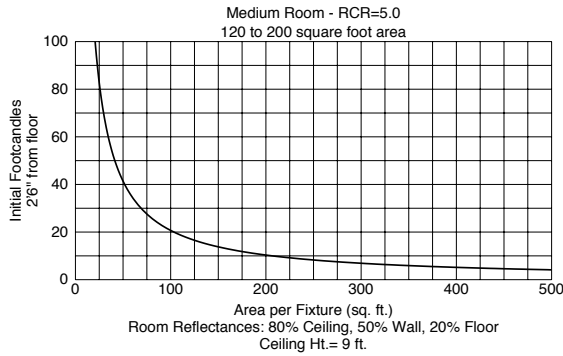
S/MH Ratio: 1.4

Single Fixture Data

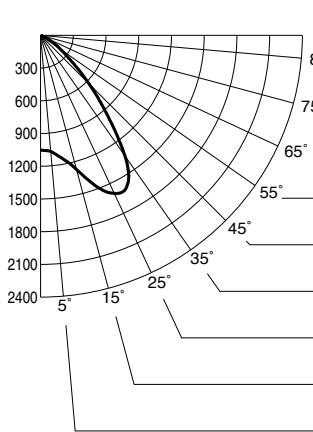
Ceiling Ht.(Ft.)	10% Values		Zero Degrees	50% Values	
	Beam Angle - 99°			Beam Angle - 77°	
	Ft.-C	Beam Dia.	Ft.-C	Ft.-C	Beam Dia.
8	3.5	13	34.8	17.4	9
10	1.9	18	18.7	9.4	12
12	1.2	22	11.7	5.8	15
14	0.8	27	8.0	4.0	18
16	0.6	32	5.8	2.9	21

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA
90	0
85	0
80	1
75	2
70	15
65	64
60	130
55	223
50	372
45	632
40	951
35	1348
30	1589
25	1599
20	1465
15	1273
10	1146
5	1069
0	1052

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	0
0	71	71	71	71	69	69	69	69	66	66	66	63	63	63	61	61	61	59
1	67	65	63	61	65	63	62	60	61	60	58	59	58	57	57	56	55	54
2	62	59	56	53	61	58	55	53	56	53	51	54	52	50	52	51	49	48
3	58	53	50	47	57	52	49	46	51	48	45	49	47	45	48	46	44	43
4	54	48	44	41	53	48	44	41	46	43	40	45	42	40	44	41	39	38
5	50	44	40	37	49	44	39	36	42	39	36	41	38	36	40	38	35	34
6	47	40	36	33	46	40	36	33	39	35	32	38	35	32	37	34	32	31
7	44	37	33	30	43	37	32	29	36	32	29	35	32	29	34	31	29	28
8	41	34	30	27	40	34	30	27	33	29	26	32	29	26	32	29	26	25
9	38	31	27	24	38	31	27	24	30	27	24	30	26	24	29	26	24	23
10	36	29	25	22	35	29	25	22	28	25	22	28	24	22	27	24	22	21