



Metal Halide
Trim

**8" Pro-Optic Open Alzak
Vertical Lamp
Non-IC**

Recessed

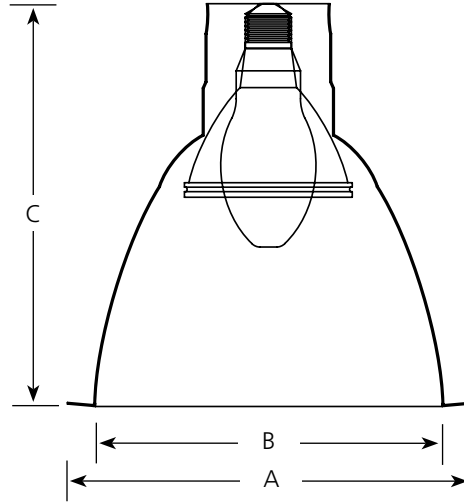
Type _____

-21A -22A
P8118

Finish

Catalog No.	Finish		Dimensions (Inches)		
	Clear Alzak	Gold Alzak	A	B	C
P8118	-21A	-22A	9	7-3/4	10

Maximum Ceiling Thickness: 1-1/4"



Lamp Wattage

Housing	IC	Non-IC
P8202-EB	N/A	1-70w ED17 or PAR30L MH
P8203-EB	N/A	1-100w ED17 MH

Specifications:

Flange

- White painted metal flange

Reflector

- 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
- Quartz restrike available with dedicated trim. Requires above ceiling access and use with ED17 lamp only. Wattage of T4 lamp not to exceed main HID lamp

Labeling

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

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

P8202-EB/P8118-21A

8" RECESSED/DOWNLIGHT

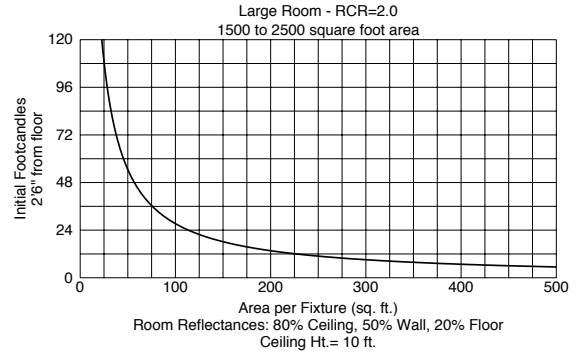
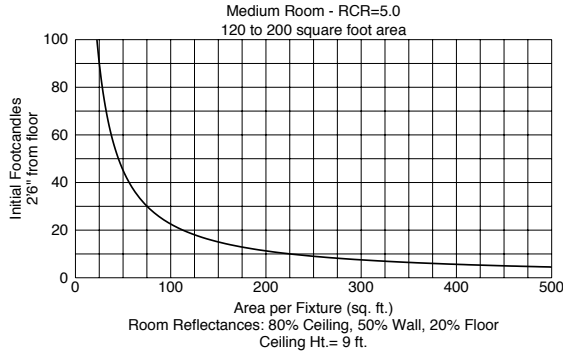
Report No. 670-PRO

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

Fixture Efficiency: 56.5%

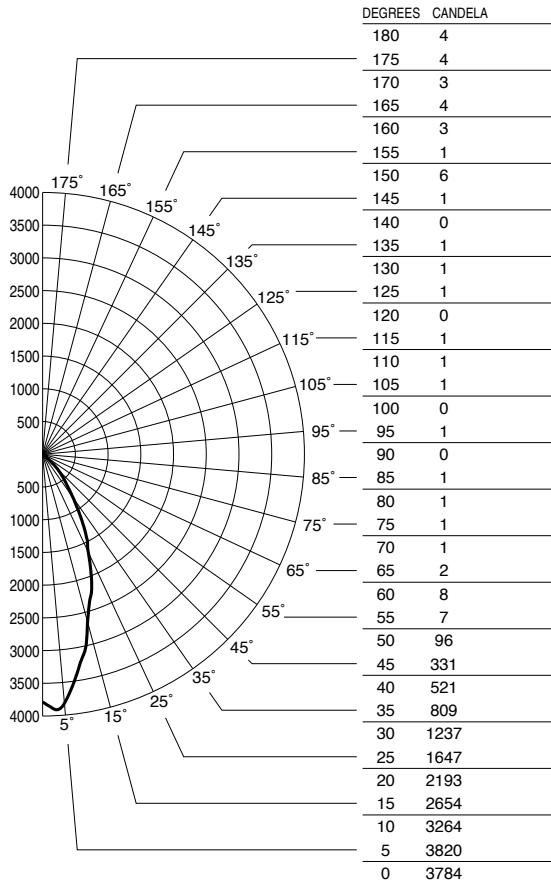
S/MH Ratio: 0.7

Quick Calculator Charts



DISTRIBUTION CURVE

INTENSITY DATA



Single Fixture Data

Ceiling Ht.(Ft.)	10% Values Beam Angle - 73°		Zero Degrees Ft.-C	50% Values Beam Angle - 39°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	12.5	8	125.1	62.5	4
10	6.7	11	67.3	33.6	5
12	4.2	14	41.9	21.0	7
14	2.9	17	28.6	14.3	8
16	2.1	20	20.8	10.4	9

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

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	Effective Floor Cavity Reflectance 0.20																				
	80				70				50				30				10				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	67	67	67	67	66	66	66	66	63	63	63	60	60	60	57	57	57	56			
1	64	63	61	60	63	61	60	59	59	58	57	57	56	55	55	54	54	53			
2	61	58	56	54	60	57	55	54	55	54	52	54	52	51	52	51	50	49			
3	58	54	52	49	57	54	51	49	52	50	48	51	49	47	49	48	47	46			
4	55	51	48	45	54	50	47	45	49	47	45	48	46	44	47	45	44	43			
5	52	48	44	42	51	47	44	42	46	44	42	45	43	41	44	42	41	40			
6	50	45	42	39	49	44	41	39	44	41	39	43	40	38	42	40	38	37			
7	47	42	39	37	47	42	39	36	41	38	36	40	38	36	40	38	36	35			
8	45	40	37	34	44	40	36	34	39	36	34	38	36	34	38	35	34	33			
9	43	38	34	32	42	37	34	32	37	34	32	36	34	32	36	34	32	31			
10	41	36	33	30	41	36	32	30	35	32	30	35	32	30	34	32	30	29			