



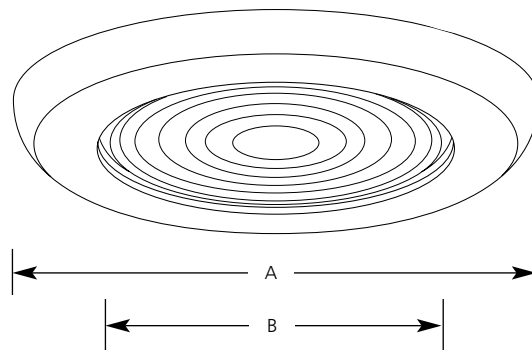
Incandescent

**6" Fresnel Shower Light
IC and Non-IC**

Recessed

Type _____
-60
P8011

Catalog No.	Finish Fresnel Glass, Non-Metallic Flange	Dimensions (Inches)	
		A	B
P8011	-60	7-3/4	5-1/8



Lamp Wattage

Housing	IC	Non-IC
P87-AT	50w PAR30 SN	75w PAR30 SN
P187-TG	50w PAR30 SN	75w PAR30 SN
P821-AT	50w PAR30 SN	75w PAR30 SN
P821-FB	N/A	50w PAR30

Specifications:

Flange

- White plastic flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Full aluminum interior reflector
- Socket mounts to trim for optimum performance and consistent lamp position
- Trim-Lok action forces trim to fit snugly against the ceiling

Lens

- Clear Fresnel glass

Labelling

- UL-CUL wet location listed
- Rated IC and Non-IC

Progress Lighting
Post Office Box 5704
Spartanburg, South Carolina
29304-5704

www.progresslighting.com
Patent# 5,758,962

P87-AT

P87-AT WITH P8011-60

Report No. 98189

No. Lamps: 1 Type Lamp: 50PAR30S/FL-SYLVANIA Total Lumens: 600

Fixture Efficiency: 87.3%

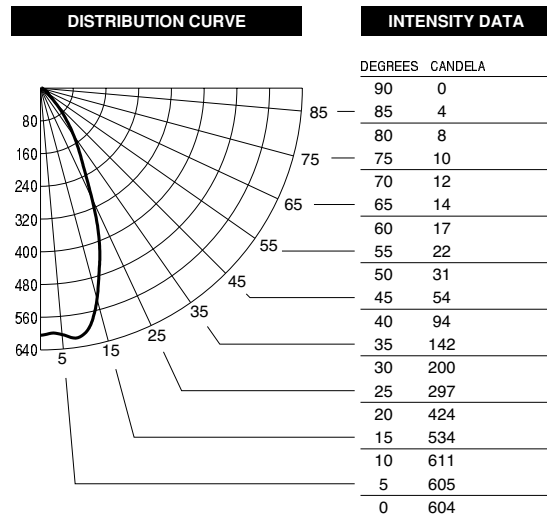
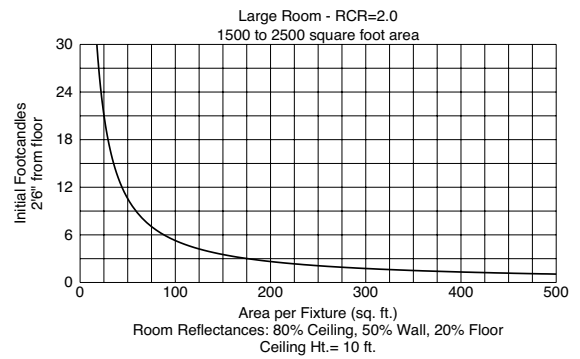
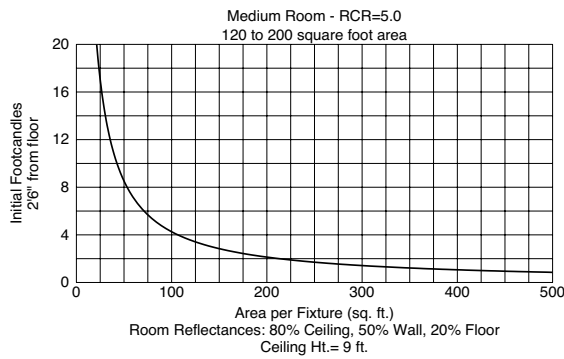
S/MH Ratio: 0.8

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 74			Beam Angle - 44	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	2.0	8	20.0	10.0	4
10	1.1	11	10.7	5.4	6
12	0.7	14	6.7	3.3	8
14	0.5	17	4.6	2.3	9
16	0.3	21	3.3	1.7	11

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

Quick Calculator Charts



ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	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	50	30	10	50	30	10	50	30	10																																							
0	104	104	104	104	102	102	102	102	97	97	97	93	93	93	89	89	89	87	87	87	89	89	89	87	87	87	89	89	89	87	87	87																																								
1	98	95	93	91	96	93	91	89	90	88	86	87	85	84	84	82	81	80	80	80	84	82	81	80	80	80	84	82	81	80	80	80																																								
2	93	88	84	80	91	86	83	80	83	80	78	81	78	76	78	76	75	73	73	73	78	76	75	73	73	73	78	76	75	73	73	73																																								
3	88	81	76	73	86	80	76	72	78	74	71	76	72	70	74	71	69	67	67	67	74	71	69	67	67	67	74	71	69	67	67	67																																								
4	83	76	70	66	81	75	70	66	73	68	65	71	67	64	69	66	63	62	62	62	69	66	63	62	62	62	69	66	63	62	62	62																																								
5	78	71	65	61	77	70	64	61	68	64	60	67	63	60	65	62	59	58	58	58	65	62	59	58	58	65	62	59	58	58	58																																									
6	74	66	60	56	73	65	60	56	64	59	56	63	59	55	62	58	55	54	54	62	58	55	54	54	54	62	58	55	54	54	54																																									
7	71	62	56	53	69	61	56	52	60	56	52	59	55	52	58	54	52	50	50	58	54	52	50	50	50	58	54	52	50	50	50																																									
8	67	58	53	49	66	58	53	49	57	52	49	56	52	49	55	51	48	47	47	55	51	48	47	47	47	55	51	48	47	47	47																																									
9	64	55	50	46	63	55	50	46	54	49	46	53	49	46	52	48	46	44	44	52	48	46	44	44	44	52	48	46	44	44	44																																									
10	61	52	47	43	60	52	47	43	51	46	43	50	46	43	50	46	43	42	42	50	46	43	42	42	42	50	46	43	42	42	42																																									

P87-AT

P87-AT WITH P8011-60

Report No. 98188

No. Lamps: 1 Type Lamp: 75PAR30S/FL-GE Total Lumens: 1100

Fixture Efficiency: 21.4%

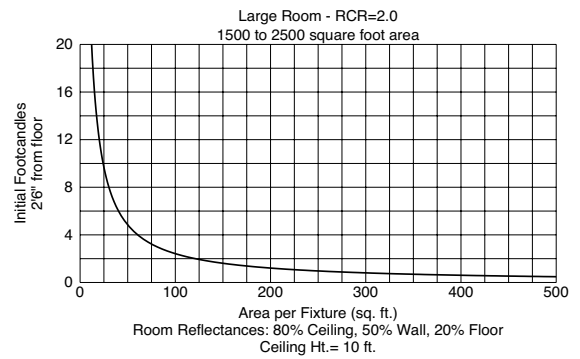
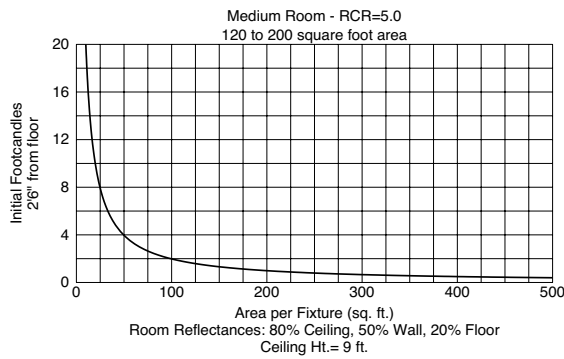
S/MH Ratio: 0.5

Single Fixture Data

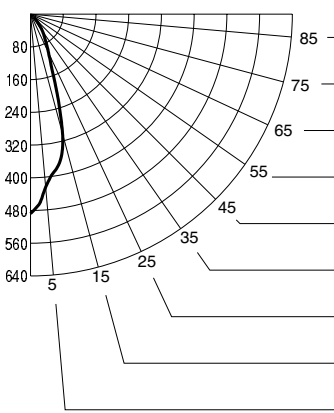
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 59			Beam Angle - 32	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	1.6	6	16.1	8.1	3
10	0.9	9	8.7	4.3	4
12	0.5	11	5.4	2.7	5
14	0.4	13	3.7	1.8	7
16	0.3	15	2.7	1.3	8

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA
90	0
85	2
80	3
75	5
70	6
65	6
60	8
55	9
50	11
45	17
40	31
35	51
30	72
25	104
20	168
15	303
10	380
5	424
0	488

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30				10				0				
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30
0	26	26	26	26	25	25	25	25	24	24	24	23	23	23	22	22	22	21	21	21	21	20	20	20	20
1	24	24	23	22	24	23	23	22	22	22	21	21	21	21	21	20	20	20	21	21	21	21	20	20	20
2	23	22	21	20	22	21	21	20	21	20	19	20	20	19	20	19	19	18	20	20	20	20	19	19	18
3	22	20	19	18	21	20	19	18	20	19	18	19	18	18	18	18	17	18	18	18	18	18	17	17	17
4	21	19	18	17	20	19	18	17	18	17	17	18	17	16	18	17	16	16	18	17	17	17	16	16	16
5	20	18	17	16	19	18	17	16	17	16	16	17	16	15	17	16	15	15	17	16	15	15	15	15	15
6	19	17	16	15	19	17	16	15	16	15	15	16	15	15	16	15	14	14	16	15	14	14	14	14	14
7	18	16	15	14	18	16	15	14	16	15	14	15	14	14	15	14	14	14	15	14	14	14	14	13	13
8	17	15	14	13	17	15	14	13	15	14	13	15	14	13	15	14	13	13	15	14	13	13	13	13	13
9	17	15	13	13	16	14	13	13	14	13	12	14	13	12	14	13	12	12	14	13	12	12	12	12	12
10	16	14	13	12	16	14	13	12	14	13	12	14	13	12	13	12	12	12	13	12	12	12	12	12	12

