



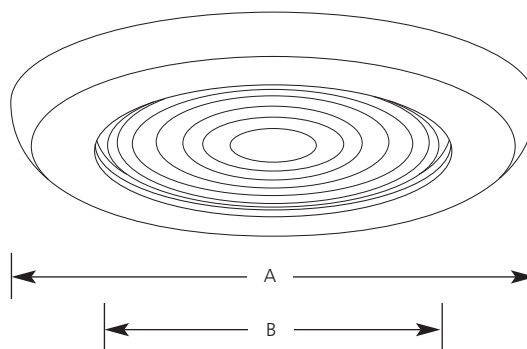
Incandescent

**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
P87-ATQC	50w PAR30 SN	75w PAR30 SN
P187-TG	50w PAR30 SN	75w PAR30 SN
P821-AT	50w PAR30 SN	75w PAR30 SN
P821-FB & P821-FBFC	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: 5-13/32" large dia., 4-29/32" small dia.

Labelling

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

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

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%

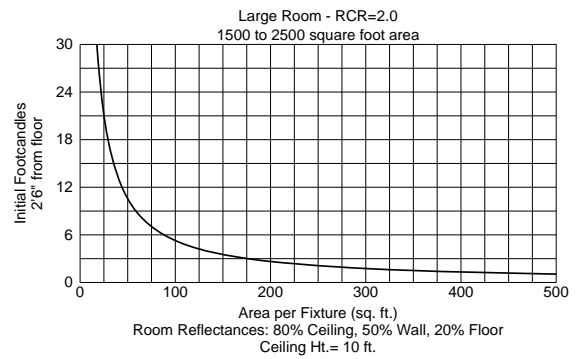
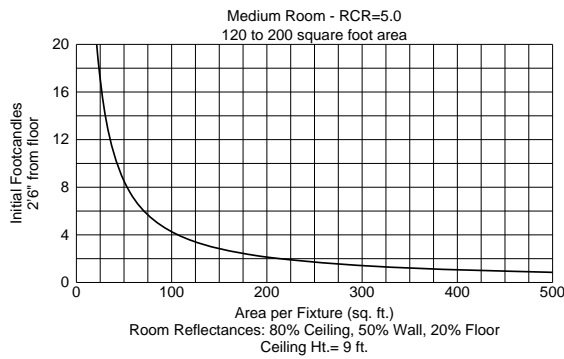
S/MH Ratio: 0.8

Single Fixture Data

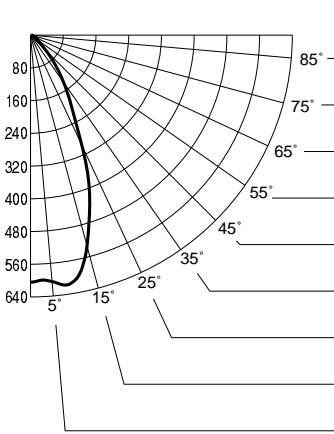
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 74°			Beam Angle - 44°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	2.0	8	20.0	10.0	4
10	1.1	11	10.7	5.4	6
12	0.7	14	6.7	3.3	8
14	0.5	17	4.6	2.3	9
16	0.3	21	3.3	1.7	11

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA
90	0
85	4
80	8
75	10
70	12
65	14
60	17
55	22
50	31
45	54
40	94
35	142
30	200
25	297
20	424
15	534
10	611
5	605
0	604

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

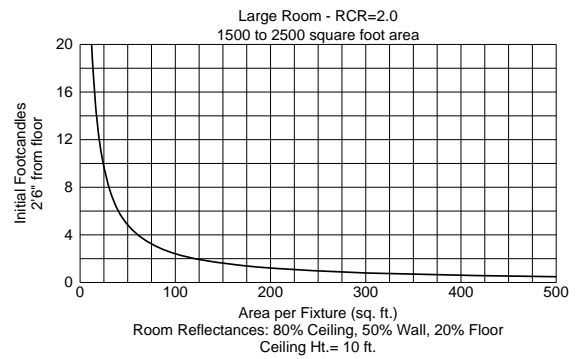
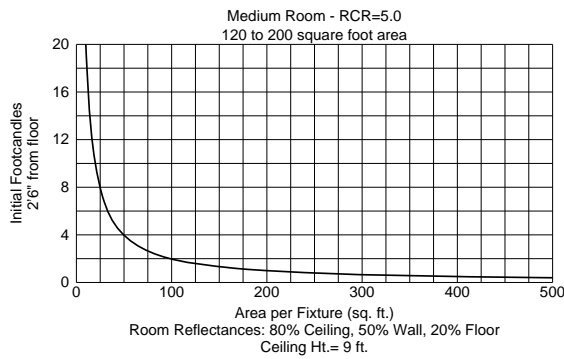
S/MH Ratio: 0.5

Single Fixture Data

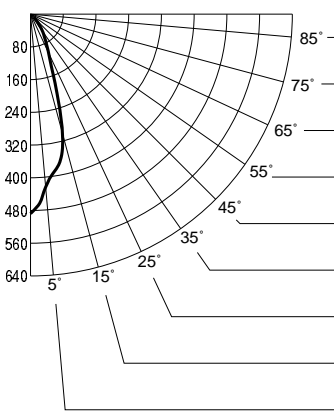
Ceiling Ht.(Ft.)	10% Values		Zero Degrees	50% Values	
	Beam Angle - 59°			Beam Angle - 32°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	1.6	6	16.1	8.1	3
10	0.9	9	8.7	4.3	4
12	0.5	11	5.4	2.7	5
14	0.4	13	3.7	1.8	7
16	0.3	15	2.7	1.3	8

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	17	17	17	16	16	16	16
5	20	18	17	16	19	18	17	16	17	16	16	17	16	15	17	16	15	15	16	16	16	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	15	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

