

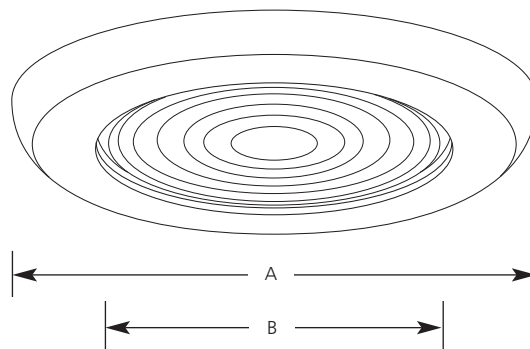
Incandescent

6" Fresnel Shower Light IC and Non-IC

Recessed

Type _____
-60
P8011 ☐

Catalog No.	Finish	Dimensions (Inches)	
	Fresnel Glass, Non-Metallic Flange	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

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%

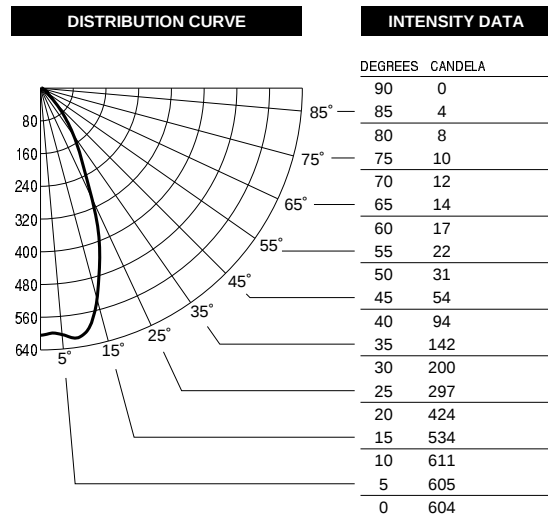
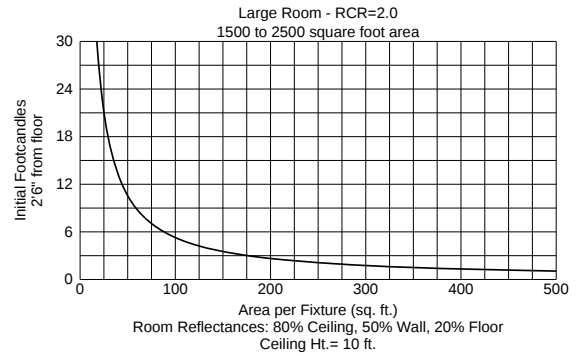
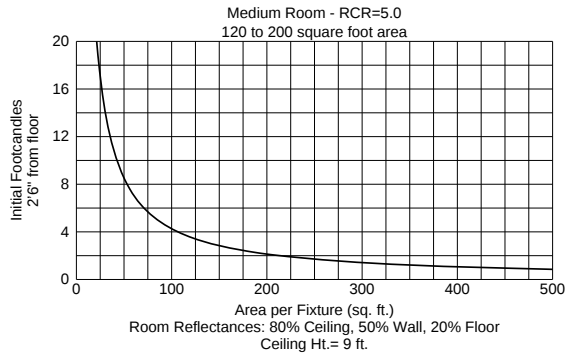
S/MH Ratio: 0.8

Single Fixture Data

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

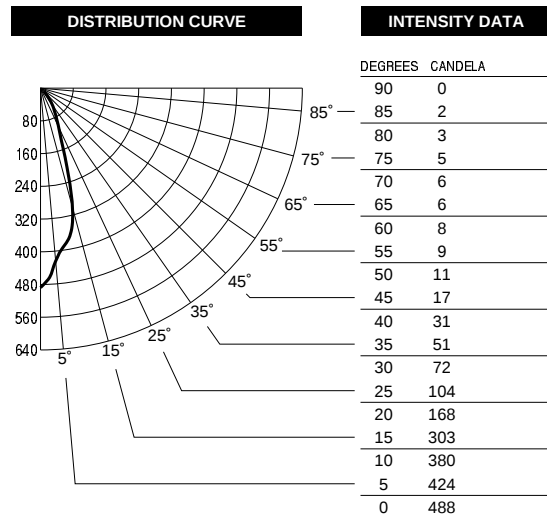
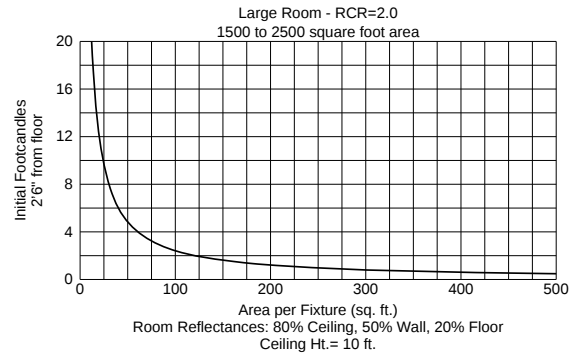
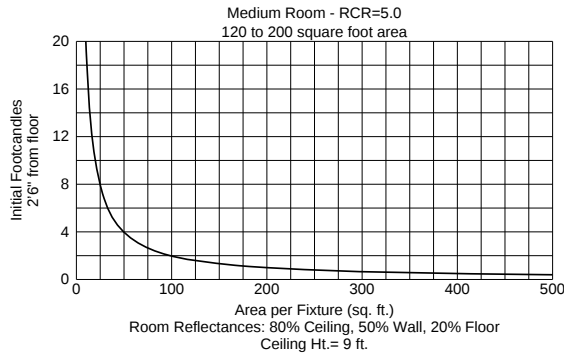
S/MH Ratio: 0.5

Single Fixture Data

	10% Values		Zero Degrees	50% Values	
Ceiling Ht.(Ft.)	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



ZONAL CAVITY COEFFICIENTS OF UTILIZATION																				
Effective Floor Cavity Reflectance 0.20																				
RC	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
0	26	26	26	26	25	25	25	25	24	24	24	23	23	23	22	22	22	21	21	21
1	24	24	23	22	24	23	23	22	22	22	21	21	21	21	21	20	20	20	20	20
2	23	22	21	20	22	21	21	20	21	20	19	20	20	19	20	19	19	18	18	18
3	22	20	19	18	21	20	19	18	20	19	18	19	18	18	18	18	17	17	17	17
4	21	19	18	17	20	19	18	17	18	17	17	18	17	16	18	17	16	16	16	16
5	20	18	17	16	19	18	17	16	17	16	16	17	16	15	17	16	15	15	15	15
6	19	17	16	15	19	17	16	15	16	15	15	16	15	15	16	15	14	14	14	14
7	18	16	15	14	18	16	15	14	16	15	14	15	14	14	15	14	14	13	13	13
8	17	15	14	13	17	15	14	13	15	14	13	15	14	13	15	14	13	13	13	13
9	17	15	13	13	16	14	13	13	14	13	12	14	13	12	14	13	12	12	12	12
10	16	14	13	12	16	14	13	12	14	13	12	14	13	12	13	12	12	12	12	12

P87-AT

P87-AT WITH P8011-60

Report No. 98195

No. Lamps: 1 Type Lamp: 75PAR30L/FL-GE Total Lumens: 990

Fixture Efficiency: 72.6%

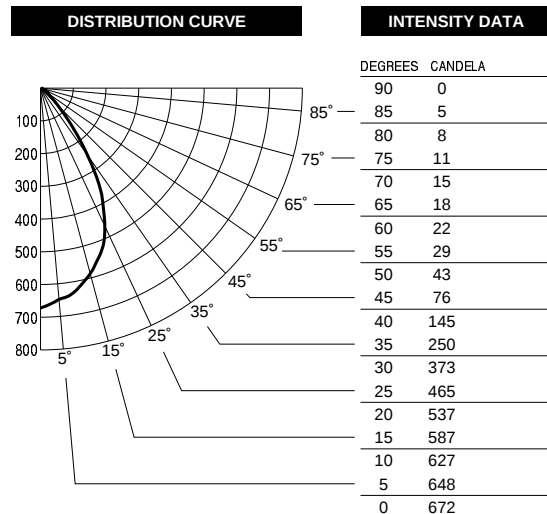
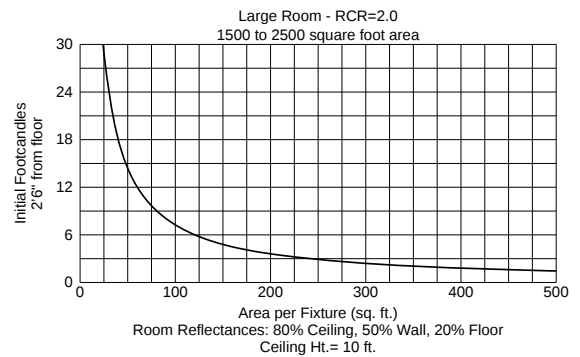
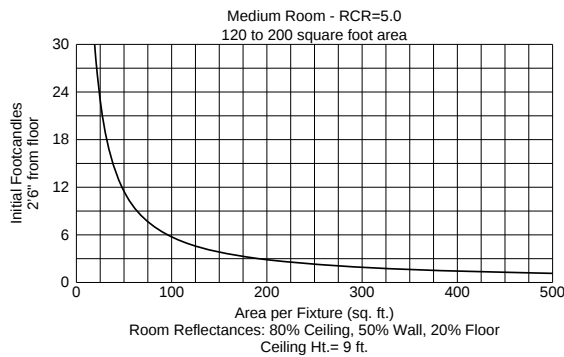
S/MH Ratio: 0.9

Single Fixture Data

	10% Values		Zero Degrees	50% Values	
Ceiling Ht.(Ft.)	Beam Angle - 80°			Beam Angle - 51°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	2.2	9	22.2	11.1	5
10	1.2	13	11.9	6.0	7
12	0.7	16	7.4	3.7	9
14	0.5	19	5.1	2.5	11
16	0.4	23	3.7	1.8	13

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	0	
0	86	86	86	86	84	84	84	84	81	81	81	77	77	77	74	74	74	73	73	73	73	
1	82	79	77	75	80	78	76	74	75	73	72	72	71	70	69	68	68	66	66	66	66	
2	77	73	69	67	75	72	68	66	69	67	64	67	65	63	65	63	62	60	60	60	60	
3	72	67	63	60	71	66	62	59	64	61	58	62	60	57	61	58	56	55	55	55	55	
4	68	62	58	54	67	61	57	54	60	56	53	58	55	52	57	54	52	51	51	51	51	
5	64	58	53	49	63	57	52	49	56	52	49	54	51	48	53	50	48	47	47	47	47	
6	61	54	49	45	60	53	49	45	52	48	45	51	47	45	50	47	44	43	43	43	43	
7	58	50	45	42	57	50	45	42	49	45	42	48	44	41	47	44	41	40	40	40	40	
8	55	47	42	39	54	46	42	39	46	42	39	45	41	38	44	41	38	37	37	37	37	
9	52	44	39	36	51	44	39	36	43	39	36	42	39	36	42	38	36	35	35	35	35	
10	49	41	37	34	48	41	37	34	41	37	34	40	36	34	39	36	34	32	32	32	32	