



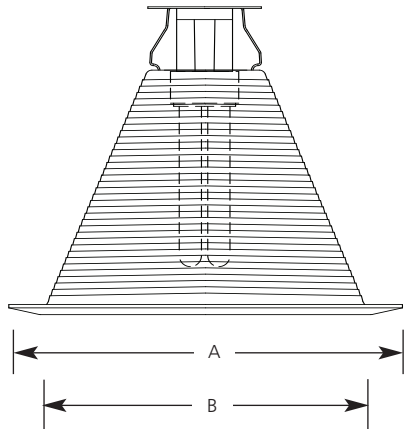
Compact Fluorescent

**6" Step Baffle  
Single Vertical Lamp  
IC & Non-IC**

**Recessed**

Type \_\_\_\_\_  
 -09 -14 -28 -31 -36 -20  
 P8066

Catalog No.	Finish						Dimensions (Inches)	
	Brushed Nickel	Brushed Copper	White	Black	Chestnut	Antique Bronze	A	B
P8066	-09	-14	-28	-31	-36	-20	7-3/4	6-11/32



**Lamp Wattage**

Housing	IC	Non-IC
P83-AT	13w 4-pin Quad/Triple-tube CF	13w 4-pin Quad/Triple-tube CF
P83-ICAT	13w 4-pin Quad/Triple-tube CF	13w 4-pin Quad/Triple-tube CF
P88-ICAT	18w 4-pin Quad/Triple-tube CF	18w 4-pin Quad/Triple-tube CF
P183-EB	13w 4-pin Triple-tube CF	13w 4-pin Triple-tube CF
P83-26ICAT	26w 4-pin Triple-tube CF	26w 4-pin Triple-tube CF
P62-FB	N/A	26 or 32w 4-pin Triple-tube CF

**Specifications:**

Flange

- Bright white powdered painted metal flange
- Integral to trim
- No light leaks around trim flange
- Covers irregular ceiling openings
- Nickel and Copper flange is brushed in same finish
- Flange on Chestnut and Antique matches interior finish

Lamps

- Maximum overall length of lamp cannot exceed 5.5" (5-1/2")
- Available are: GE -F26TBX, Phillips PLT26, Sylvania CF26 or 32DT, or Progress 7808-01 (26w)

Labels

- UL-CUL damp location listed

Trim

- One-piece aluminum construction
- White and Black finishes are powder coated
- Nickel and Copper finishes are anti-iridescent anodized
- Trim-Lok action forces trim to fit snugly against the ceiling
- Socket mounts to trim for optimum performance and consistent lamp position
- Multi-groove baffle

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

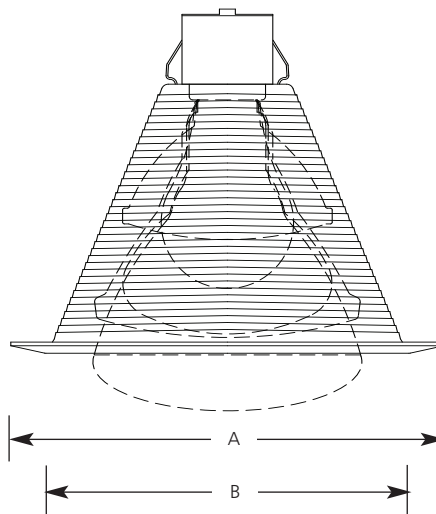
www.progresslighting.com  
 Patent# 5,758,979, 5,758,980





Type \_\_\_\_\_  
 -09 -14 -28 -31 -36 -20  
 P8066

Catalog No.	Finish					Antique Bronze	Dimensions (Inches)	
	Brushed Nickel	Brushed Copper	White	Black	Chestnut		A	B
P8066	-09	-14	-28	-31	-36	-20	7-3/4	6-11/32



**Lamp Wattage**

Housing	IC	Non-IC
P87-AT	75PAR30/65BR30	120BR40/150PAR38/40A19
P87-ATQC	75PAR30/65BR30	120BR40/150PAR38/40A19
P187-TG	75PAR30/65BR30	120BR40/150PAR38/40A19
P821-AT	120BR40/150PAR38/100A19	120BR40/150PAR38/100A19
P821-FB, P821-FBFC	N/A	150R40/150BR40/150PAR38/40A19

**Specifications:**

Flange

- Bright white powdered painted metal flange
- Integral to trim
- No light leaks around trim flange
- Covers irregular ceiling openings
- Nickel and Copper flange is brushed in same finish
- Flange on Chestnut and Antique matches interior finish

- Socket mounts to trim for optimum performance and consistent lamp position
- Multi-groove baffle
- White and black finishes are powder coated
- Nickel and Copper finishes are anti-iridescent anodized
- Can be used in 45° sloped ceilings with P87-AT, P87-ATQC, and P187-TG housings

Trim

- One-piece aluminum construction
- Trim-Lok action forces trim to fit snugly against the ceiling

Labels

- UL-CUL damp location listed





# P87-AT

## P87-AT WITH P8066-31

Report No. 98098

No. Lamps: 1 Type Lamp: 150PAR38 - SYLVANIA Total Lumens: 2200

Fixture Efficiency: 95.6%

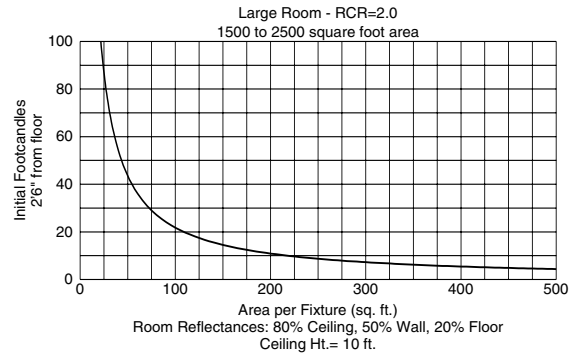
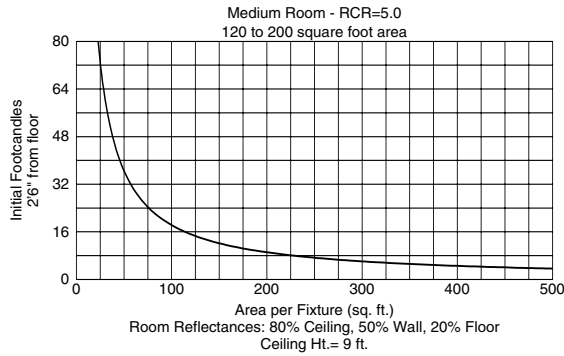
S/MH Ratio: 0.5

### Single Fixture Data

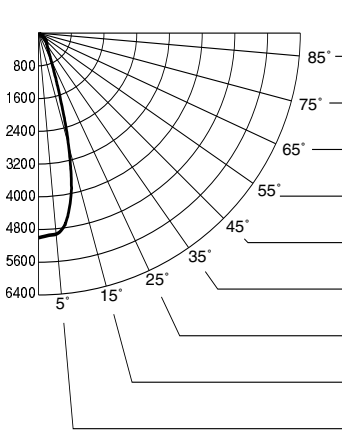
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 51°			Beam Angle - 30°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	16.5	5	165.4	82.7	3
10	8.9	7	89.0	44.5	4
12	5.5	9	55.4	27.7	5
14	3.8	11	37.8	18.9	6
16	2.7	13	27.5	13.7	7

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

### Quick Calculator Charts



#### DISTRIBUTION CURVE



#### INTENSITY DATA

DEGREES	CANDELA
90	0
85	1
80	2
75	4
70	8
65	13
60	35
55	96
50	186
45	253
40	311
35	366
30	475
25	712
20	1342
15	2836
10	4342
5	4929
0	5004

#### 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	50	30	10	0
0	114	114	114	114	111	111	111	111	106	106	106	102	102	102	98	98	98	96						
1	109	106	104	102	106	104	102	100	100	99	97	97	96	94	94	93	92	90						
2	104	99	96	93	102	98	94	92	95	92	90	92	90	88	89	88	86	84						
3	99	93	89	85	97	92	88	85	90	86	83	87	84	82	85	83	81	79						
4	95	88	83	79	93	87	82	79	85	81	78	83	80	77	81	78	76	75						
5	90	83	78	74	89	82	77	74	81	76	73	79	75	72	78	74	72	71						
6	87	79	74	70	85	78	73	70	77	72	69	75	72	69	74	71	68	67						
7	83	75	70	66	82	74	69	66	73	69	66	72	68	65	71	68	65	64						
8	80	72	66	63	79	71	66	63	70	66	62	69	65	62	68	65	62	61						
9	77	68	63	60	76	68	63	60	67	63	60	66	62	59	66	62	59	58						
10	74	66	61	57	73	65	60	57	65	60	57	64	60	57	63	59	57	56						

# P87-AT

## P87-AT WITH P8066-31

Report No. 98099

No. Lamps: 1 Type Lamp: 40A19 Total Lumens: 495

Fixture Efficiency: 23.0%

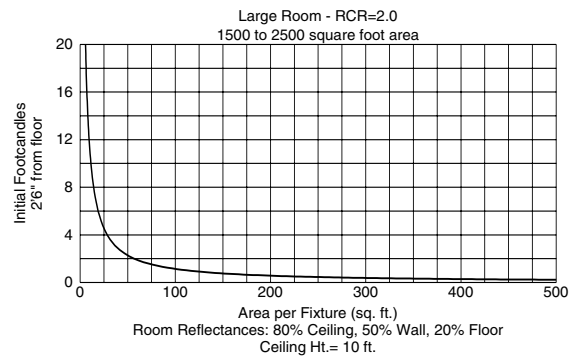
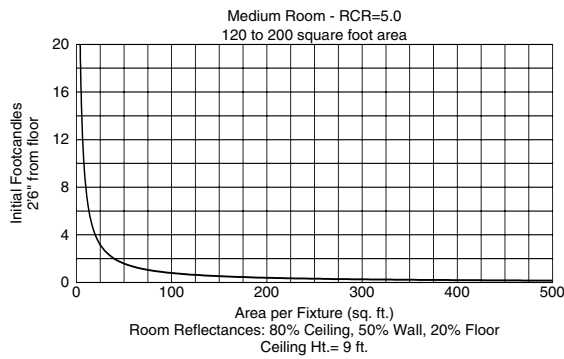
S/MH Ratio: 1.3

### Single Fixture Data

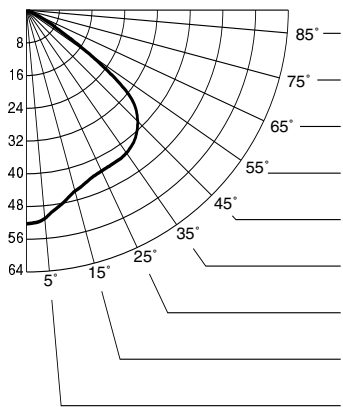
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 107°			Beam Angle - 64°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.2	15	1.7	0.9	7
10	0.1	20	0.9	0.5	9
12	0.1	26	0.6	0.3	12
14	0.0	31	0.4	0.2	14
16	0.0	36	0.3	0.1	17

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	0
75	0
70	0
65	2
60	7
55	19
50	33
45	38
40	41
35	43
30	43
25	43
20	44
15	46
10	48
5	51
0	52

#### 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	10
0	28	28	28	28	27	27	27	27	26	26	26	25	25	25	24	24	24	23	23	23	22	22	22	21	21	21
1	26	25	24	24	25	25	24	23	24	23	23	23	22	22	22	22	21	21	21	21	21	21	20	20	20	
2	24	23	21	20	23	22	21	20	21	20	20	21	20	19	20	19	19	18	18	18	18	17	17	16	16	
3	22	20	19	17	22	20	18	17	19	18	17	19	18	17	18	17	16	16	16	16	15	15	14	14	14	
4	21	18	16	15	20	18	16	15	17	16	15	17	16	15	16	15	14	14	14	14	13	13	12	12	12	
5	19	16	15	13	19	16	14	13	16	14	13	15	14	13	15	14	13	12	12	12	12	11	11	10	10	
6	18	15	13	12	17	15	13	12	14	13	11	14	12	11	14	12	11	11	11	11	11	10	9	9	9	
7	16	13	12	10	16	13	12	10	13	11	10	13	11	10	12	11	10	10	10	10	9	8	8	8	8	
8	15	12	10	9	15	12	10	9	12	10	9	12	10	9	11	10	9	9	9	9	9	8	8	8	8	
9	14	11	10	8	14	11	9	8	11	9	8	11	9	8	10	9	8	8	8	8	8	7	7	7	7	
10	13	10	9	8	13	10	9	8	10	9	7	10	8	7	10	8	7	7	7	7	7	6	6	6	6	



# P87-AT

## P87-AT WITH P8066-31

Report No. 98097

No. Lamps: 1 Type Lamp: 75PAR30 SN - GE Total Lumens: 1100

Fixture Efficiency: 91.4%

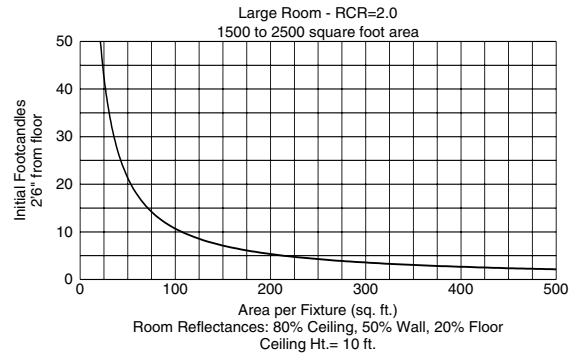
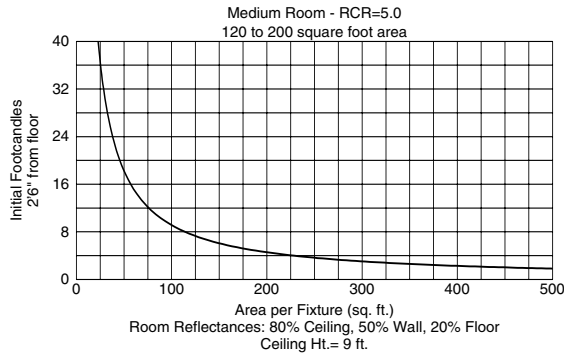
S/MH Ratio: 0.5

### Single Fixture Data

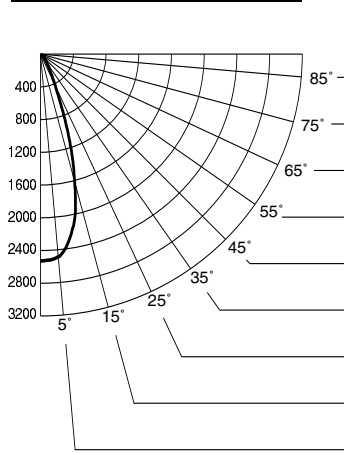
Ceiling Ht.(Ft.)	10% Values		Zero Degrees	50% Values	
	Beam Angle - 53°			Beam Angle - 33°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	8.4	5	83.6	41.8	3
10	4.5	7	45.0	22.5	4
12	2.8	9	28.0	14.0	6
14	1.9	11	19.1	9.6	7
16	1.4	13	13.9	6.9	8

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	0
75	0
70	0
65	1
60	2
55	5
50	10
45	36
40	86
35	144
30	234
25	425
20	919
15	1613
10	2203
5	2487
0	2529

#### 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	50	30	10	50	30	10
0	109	109	109	109	106	106	106	106	102	102	102	97	97	97	93	93	93	93	93	93	91	91	91	91	91	91
1	105	103	101	99	103	101	99	97	97	96	94	94	93	92	90	90	89	87	87	87	87	85	85	85	83	83
2	101	97	94	91	99	95	93	90	93	90	88	90	88	86	87	86	85	83	83	83	83	81	81	81	79	79
3	97	92	88	85	95	91	87	85	88	86	83	86	84	82	84	82	81	79	79	79	77	77	77	76	76	76
4	93	87	83	80	92	86	83	80	85	81	79	83	80	78	81	79	77	76	76	76	74	74	73	73	73	73
5	90	83	79	76	88	83	79	76	81	78	75	80	77	74	78	76	74	73	73	73	71	71	71	70	70	70
6	86	80	75	72	85	79	75	72	78	74	72	77	73	71	76	73	71	70	70	70	68	68	68	67	67	67
7	83	76	72	69	82	76	72	69	75	71	68	74	71	68	73	70	68	67	67	67	65	65	65	64	64	64
8	80	73	69	66	79	73	69	66	72	68	66	71	68	65	70	67	65	64	64	64	62	62	62	62	62	62
9	78	71	66	63	77	70	66	63	69	66	63	69	65	63	68	65	63	62	62	62	60	60	60	59	59	59
10	75	68	64	61	74	68	64	61	67	63	61	66	63	60	66	63	60	59	59	59	57	57	57	56	56	56

# P87AT

## P87AT WITH P8066-31

Report No. 98125

No. Lamps: 1 Type Lamp: 75PAR30L/FL - GE Total Lumens: 1000

Fixture Efficiency: 87.2%

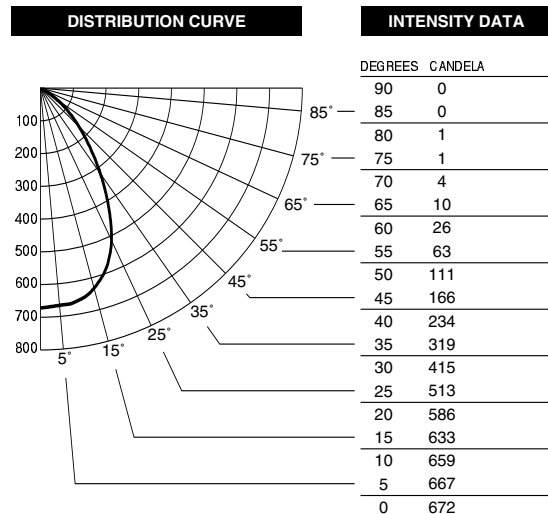
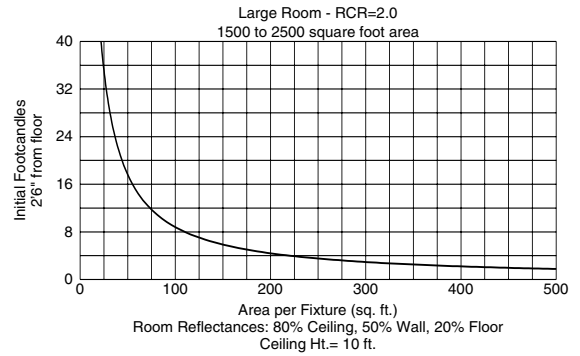
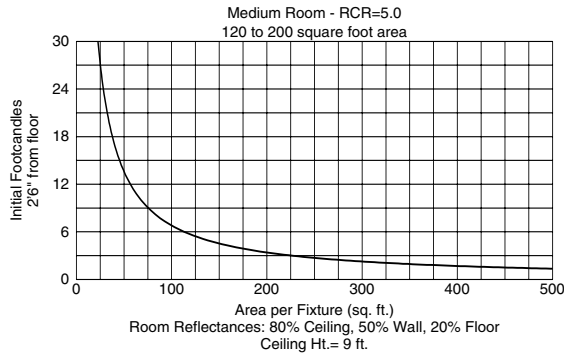
S/MH Ratio: 1.0

### Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees	50% Values	
	Beam Angle - 88°			Beam Angle - 54°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	2.2	11	22.2	11.1	6
10	1.2	14	11.9	6.0	8
12	0.7	18	7.4	3.7	10
14	0.5	22	5.1	2.5	12
16	0.4	26	3.7	1.8	14

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	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	96	93	91	96	94	92	90	90	88	87	87	85	84	84	83	82	80	80	80	80		
2	93	88	84	80	91	86	82	79	83	80	78	81	78	76	78	76	74	73	73	73	73		
3	87	80	75	71	85	79	75	71	77	73	70	75	71	69	73	70	68	66	66	66	66		
4	82	74	68	64	80	73	68	64	71	66	63	69	65	62	67	64	61	60	60	60	60		
5	77	68	62	58	75	67	62	58	66	61	57	64	60	57	63	59	56	55	55	55	55		
6	72	63	57	53	71	62	57	53	61	56	52	60	55	52	58	55	51	50	50	50	50		
7	68	59	53	48	67	58	52	48	57	52	48	56	51	48	55	50	47	46	46	46	46		
8	64	54	49	44	63	54	48	44	53	48	44	52	47	44	51	47	44	42	42	42	42		
9	60	51	45	41	59	50	45	41	50	44	41	49	44	41	48	44	41	39	39	39	39		
10	57	48	42	38	56	47	42	38	46	41	38	46	41	38	45	41	38	36	36	36	36		