



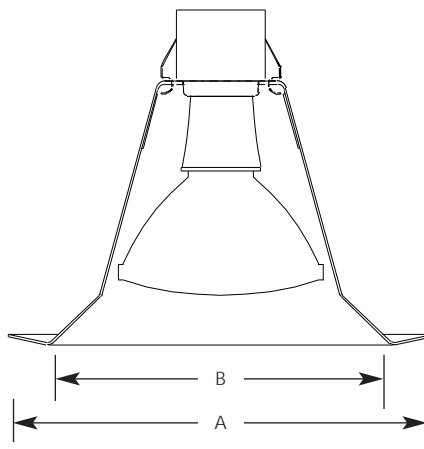
Incandescent

**6" Lensless Shower Light
IC & Non-IC**

Recessed

Type _____
 -10 -28
 P8072WL

Catalog No.	Finish		Dimensions (Inches)	
	Brass	White	A	B
P8072WL	-10	-28	7-3/4	4-3/8



Lamp Wattage

Housing	IC	Non-IC
P87-AT	75PAR30/65BR30	75PAR30/100A19/85BR30
P87-ATQC	75PAR30/65BR30	75PAR30/100A19/85BR30
P187-TG	85BR30/75PAR30/75A19	85R30/75PAR30/75A19
P821-AT	N/A	85BR30/75PAR30/40A19
P821-FB,FBFC	75PAR30/65BR30	75PAR30/100A19/85BR30
P87-ATQC	75PAR30/65BR30	75PAR30/100A19/85BR30

Specifications:

Flange

- Bright white powder painted metal flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Trim-Lok action forces trim to fit snugly against the ceiling
- Socket mounts to trim for optimum performance and consistent lamp position
- One-piece aluminum construction
- Splay design for BR and PAR 30 lamps

Options

- Anodized brass finish - specify " 10" after catalog number
- White reflector - specify " 28" after catalog number

Labels

- UL CUL wet location listed
- Use with outdoor rated PAR lamps

Progress Lighting
 701 Millennium Blvd.
 Greenville, South Carolina
 29607

www.progresslighting.com
 Patent# 5,758,987, 5,758,988

P83

P83 WITH P8072-10

Report No. 98032

No. Lamps: 1 Type Lamp: 13W QUAD CF - GE Total Lumens: 860

Fixture Efficiency: 52.1%

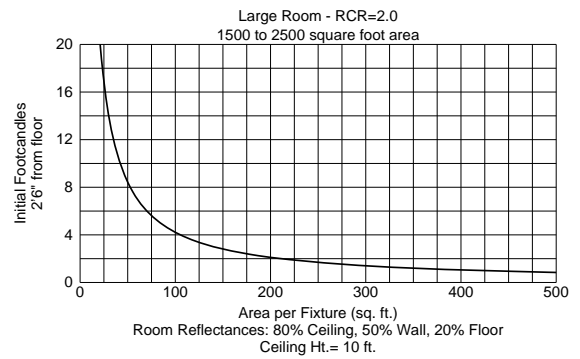
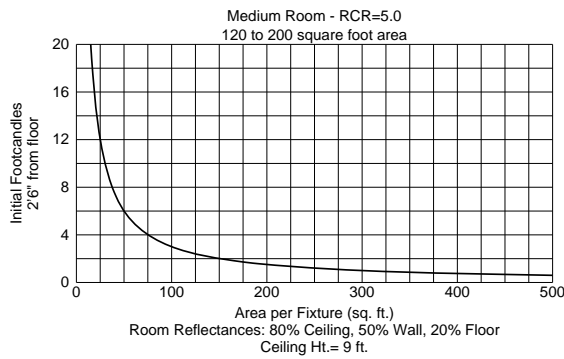
S/MH Ratio: 1.7

Single Fixture Data

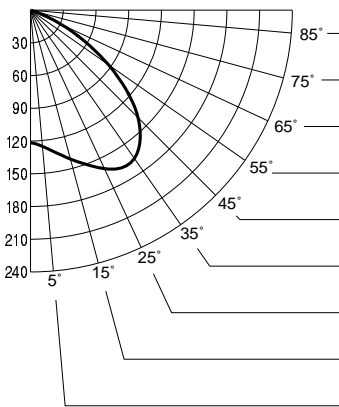
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 114°			Beam Angle - 84°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.4	17	4.0	2.0	10
10	0.2	23	2.2	1.1	14
12	0.1	29	1.3	0.7	17
14	0.1	35	0.9	0.5	21
16	0.1	42	0.7	0.3	25

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	1
70	11
65	32
60	58
55	87
50	115
45	139
40	156
35	166
30	167
25	160
20	151
15	141
10	132
5	125
0	122

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	62	62	62	62	60	60	60	60	58	58	58	55	55	55	53	53	53	52	52	52	52	52	52	52
1	58	56	54	52	56	54	53	51	52	51	50	50	49	48	48	48	47	46	46	46	46	46	46	46
2	53	49	46	44	52	48	46	43	47	44	42	45	43	41	43	42	40	39	39	37	35	34	34	34
3	49	44	40	37	48	43	40	37	42	39	36	40	38	36	39	37	35	34	34	33	32	30	29	29
4	45	39	35	32	44	38	34	31	37	34	31	36	33	31	35	32	30	29	29	28	27	26	25	25
5	41	35	31	27	40	34	30	27	33	30	27	32	29	27	31	29	26	25	25	24	23	22	21	21
6	38	31	27	24	37	31	27	24	30	26	24	29	26	23	28	25	23	22	22	21	20	19	18	18
7	35	28	24	21	34	28	24	21	27	23	21	26	23	21	26	23	20	19	19	18	17	16	15	15
8	33	26	21	19	32	25	21	18	25	21	18	24	21	18	23	20	18	17	17	16	15	14	13	13
9	30	24	19	17	30	23	19	16	23	19	16	22	19	16	22	18	16	15	15	14	13	12	11	11
10	28	22	18	15	28	21	17	15	21	17	15	20	17	15	20	17	15	14	14	13	12	11	10	10

P87-AT

P87-AT WITH P8072-28

Report No. 98091

No. Lamps: 1 Type Lamp: 75PAR30 LN/FL Total Lumens: 985

Fixture Efficiency: 98.6%

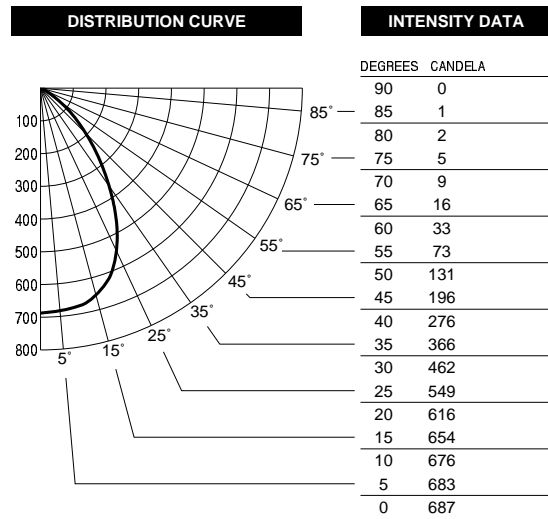
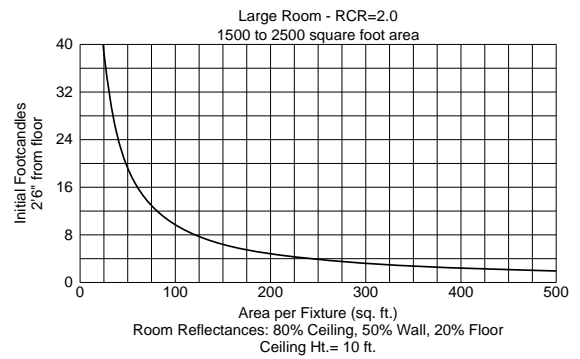
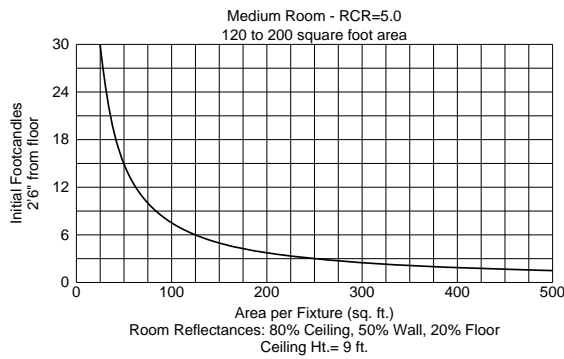
S/MH Ratio: 1.1

Single Fixture Data

Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 90°			Beam Angle - 56°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	2.3	11	22.7	11.4	6
10	1.2	15	12.2	6.1	8
12	0.8	19	7.6	3.8	10
14	0.5	23	5.2	2.6	12
16	0.4	27	3.8	1.9	14

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

Quick Calculator Charts



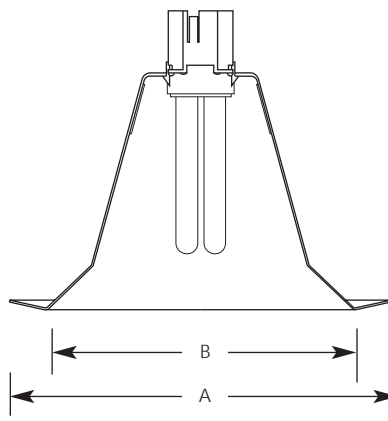
ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	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	117	117	117	117	115	115	115	115	109	109	109	105	105	105	100	100	100	98						
1	111	108	105	102	108	105	103	100	101	99	97	98	96	94	94	93	92	90						
2	104	98	94	90	102	96	92	89	93	90	87	90	87	85	87	85	83	81						
3	97	90	84	79	95	88	83	79	86	81	77	83	79	76	81	78	75	73						
4	91	82	76	71	89	81	75	71	79	74	70	77	72	69	75	71	68	66						
5	85	76	69	64	84	75	68	64	73	67	63	71	66	62	70	65	62	60						
6	80	70	63	58	79	69	63	58	67	62	57	66	61	57	65	60	57	55						
7	75	65	58	53	74	64	57	53	63	57	52	61	56	52	60	55	52	50						
8	71	60	53	49	70	59	53	48	58	52	48	57	52	48	56	51	48	46						
9	67	56	49	45	66	55	49	45	54	49	44	53	48	44	53	48	44	43						
10	63	52	46	41	62	52	46	41	51	45	41	50	45	41	49	44	41	39						

Type _____
 -10 -28
 P8072

Catalog No.	Finish		Dimensions (Inches)	
	Brass	White	A	B
P8072	-10	-28	7-3/4	4-3/8



Housing	Lamp Wattage	
	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 Quad/Triple-tube CF	13w 4-pin Quad/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 powder painted metal flange
- No light leaks around trim flange
- Covers irregular ceiling openings

Trim

- Trim-Lok action forces trim to fit snugly against the ceiling
- Socket mounts to trim for optimum performance and consistent lamp position
- One-piece aluminum construction
- Splay design for vertical mount 13w Quad CF

Options

- White reflector - specify " 28" after catalog number
- Anodized Brass finish - specify " 10" after catalog number

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

P83

P83 WITH P8072-28

Report No. 98033

No. Lamps: 1 Type Lamp: 13W QUAD CF-GE Total Lumens: 860

Fixture Efficiency: 53.2%

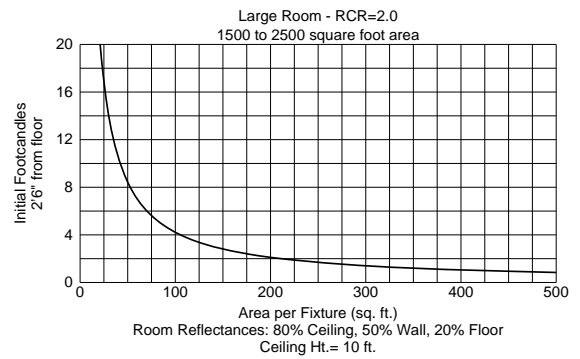
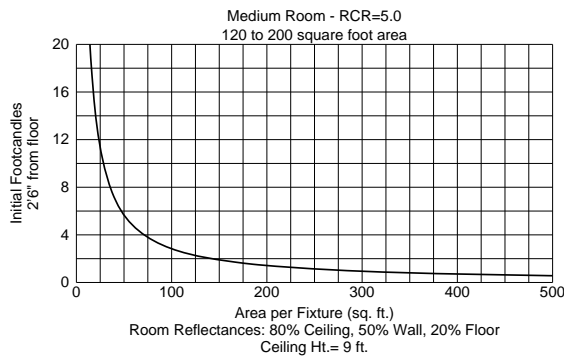
S/MH Ratio: 1.8

Single Fixture Data

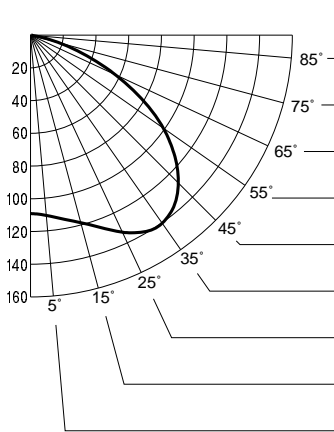
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 119°			Beam Angle - 84°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.4	19	3.6	1.8	10
10	0.2	25	1.9	1.0	14
12	0.1	32	1.2	0.6	17
14	0.1	39	0.8	0.4	21
16	0.1	46	0.6	0.3	24

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	5
75	18
70	36
65	57
60	79
55	99
50	115
45	128
40	137
35	140
30	139
25	133
20	125
15	119
10	114
5	111
0	109

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	0
0	64	64	64	64	62	62	62	62	59	59	59	57	57	57	54	54	54	53	53	53	53	53	53	53
1	58	56	54	52	57	55	53	51	53	51	50	51	49	48	49	48	47	46	46	46	46	46	46	46
2	53	49	45	42	52	48	45	42	46	43	41	44	42	40	43	41	39	38	38	38	38	38	38	38
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4	44	38	33	29	43	37	33	29	36	32	29	34	31	28	33	30	28	27	27	27	27	27	27	27
5	40	33	29	25	39	33	28	25	32	28	25	31	27	24	30	27	24	23	23	23	23	23	23	23
6	37	30	25	22	36	29	25	21	28	24	21	27	24	21	27	23	21	20	20	20	20	20	20	20
7	34	27	22	19	33	26	22	19	26	22	19	25	21	18	24	21	18	17	17	17	17	17	17	17
8	32	24	20	17	31	24	20	16	23	19	16	23	19	16	22	19	16	15	15	15	15	15	15	15
9	29	22	18	15	29	22	18	15	21	17	15	21	17	14	20	17	14	13	13	13	13	13	13	13
10	28	20	16	13	27	20	16	13	19	16	13	19	15	13	19	15	13	12	12	12	12	12	12	12