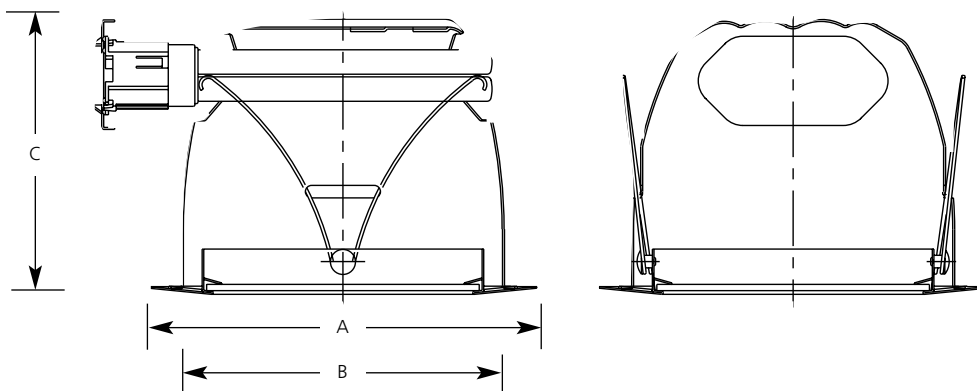


Type _____
-60
P8033

Catalog No.	Finish White	Dimensions (Inches)		
		A	B	C
P8033	-60	7-3/4	6-3/8	5-7/16

Maximum Ceiling Thickness: 1-1/8"



*Lamps shown are 13w twin tube compact fluorescent

Lamp Wattage

Housing	IC	Non-IC
P69	N/A	2 9w Twin
P63	N/A	2 13w Twin or Quad
P63-EBIC	2 13w Quad	2 13w Quad
P68	N/A	2 18w Quad
P66	N/A	2 26w Quad
P28	N/A	2 28w Quad

Specifications:

Flange

- Bright white powdered painted metal flange

Trim

- All aluminum construction
- One piece construction with integral flange
- No light leaks around trim flange
- Socket box mounts to trim for optimum performance, and consistent lamp position
- Trim retention accompanied by 3 spring clips located in aperture of housing
- Powder painted bright white finish

Lens

- White albalite glass
- Protects lamps from below ceiling
- Provides a broad, even distribution of light while minimizing visibility of lamp image

Labeling

- UL-CUL wet location listed

P63

P63 WITH P8033-28

Report No. 99029

No. Lamps: 2 Type Lamp: 13W CF TWIN - GE Total Lumens: 1800

Fixture Efficiency: 10.7%

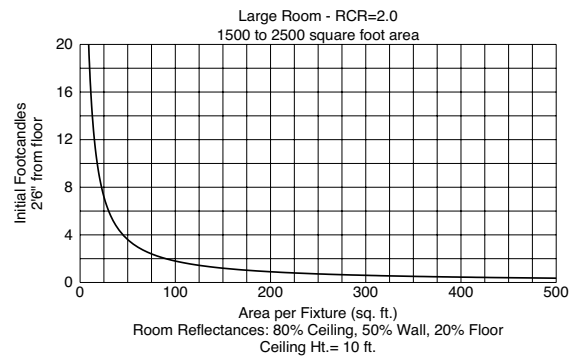
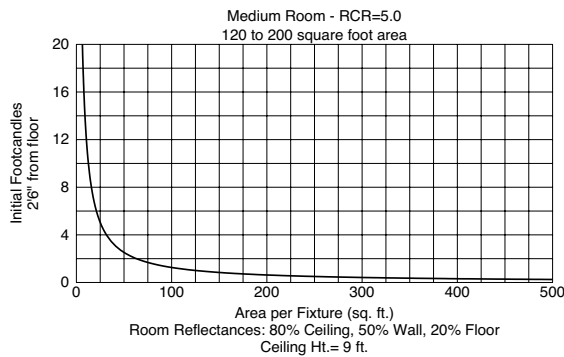
S/MH Ratio: 1.3 (0) 1.3 (90)

Single Fixture Data

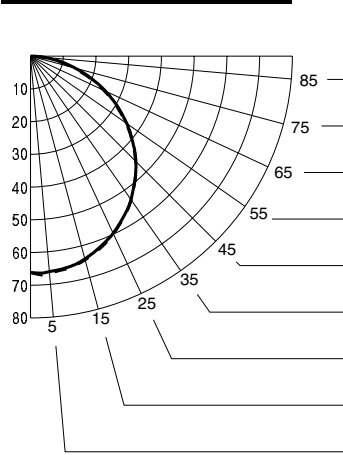
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 110			Beam Angle - 65	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.2	16	2.2	1.1	7
10	0.1	22	1.2	0.6	10
12	0.1	27	0.7	0.4	12
14	0.0	33	0.5	0.2	15
16	0.0	39	0.4	0.2	17

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0'	AT 90'
90	0	0
85	4	4
80	9	8
75	14	13
70	20	19
65	25	25
60	31	30
55	36	36
50	41	41
45	46	45
40	50	50
35	54	54
30	57	57
25	60	60
20	62	62
15	64	64
10	66	66
5	66	67
0	66	66

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	50	30	10
0	13	13	13	13	12	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
1	12	11	11	10	11	11	10	10	10	10	10	10	10	9	10	9	9	10	9	9	9	9	9	9	9	9	9	9	
2	10	10	9	8	10	9	9	8	9	8	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	
3	10	8	7	7	9	8	7	7	8	7	7	8	7	6	7	7	6	7	7	6	7	7	6	6	6	6	6	6	
4	9	7	6	6	8	7	6	6	7	6	6	7	6	6	7	6	6	7	6	5	7	6	5	5	5	5	5	5	
5	8	7	6	5	8	6	6	5	6	5	5	6	5	5	6	5	5	6	5	5	6	5	5	5	5	5	5	5	
6	7	6	5	4	7	6	5	4	6	5	4	5	5	4	5	5	4	5	5	4	5	5	4	4	4	4	4	4	
7	7	5	4	4	7	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	4	4	4	3	3	
8	6	5	4	3	6	5	4	3	5	4	3	5	4	3	5	4	3	4	4	3	4	4	3	3	3	3	3	3	
9	6	5	4	3	6	4	4	3	4	4	3	4	3	3	4	3	3	4	3	3	4	3	3	3	3	3	3	3	
10	6	4	3	3	5	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	3	3	3	3	3	

P68

P68 WITH P8033-28

Report No. 99051

No. Lamps: 2 Type Lamp: 18W CF QUAD - GE Total Lumens: 2500

Fixture Efficiency: 10.0%

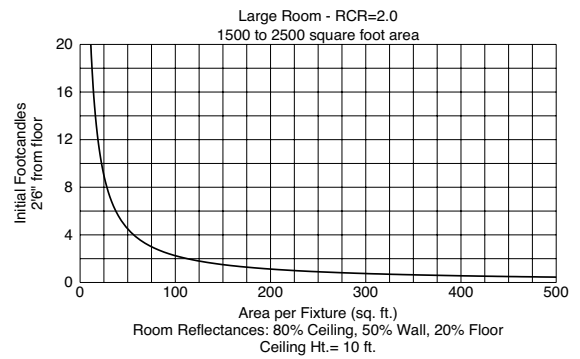
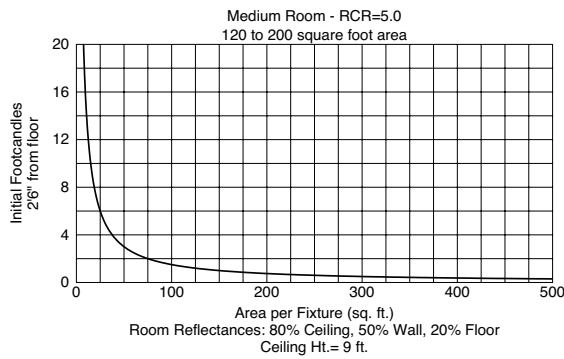
S/MH Ratio: 1.2 (0) 1.3 (90)

Single Fixture Data

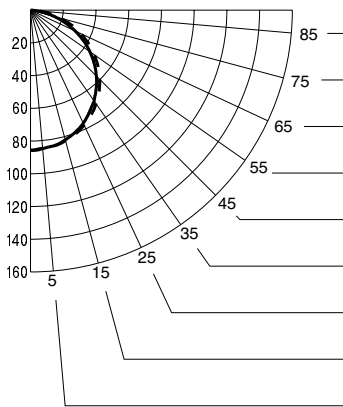
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 110			Beam Angle - 65	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.3	16	2.8	1.4	7
10	0.2	22	1.5	0.8	9
12	0.1	27	0.9	0.5	12
14	0.1	33	0.6	0.3	15
16	0.0	39	0.5	0.2	17

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0'	AT 90'
90	0	0
85	3	6
80	8	12
75	15	19
70	23	27
65	30	34
60	37	41
55	44	48
50	51	54
45	57	60
40	62	65
35	68	70
30	72	74
25	76	77
20	80	80
15	82	83
10	84	84
5	85	85
0	86	86

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	12	12	12	12	12	12	12	12	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	
1	11	10	10	10	11	10	10	9	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	
2	10	9	8	8	10	9	8	8	8	8	7	8	8	7	8	7	7	8	7	7	7	7	7	7	7	
3	9	8	7	6	9	8	7	6	7	7	6	7	7	6	7	6	6	7	6	6	6	6	6	6	6	
4	8	7	6	5	8	7	6	5	7	6	5	6	6	5	6	5	5	6	5	5	5	5	5	5	5	
5	8	6	5	5	7	6	5	5	6	5	5	6	5	5	6	5	4	6	5	4	4	4	4	4	4	
6	7	6	5	4	7	5	5	4	5	5	4	5	4	4	5	4	4	5	4	4	4	4	4	4	4	
7	6	5	4	4	6	5	4	4	5	4	4	5	4	4	5	4	3	5	4	3	3	3	3	3	3	
8	6	5	4	3	6	5	4	3	4	4	3	4	4	3	4	4	3	4	4	3	3	3	3	3	3	
9	6	4	3	3	5	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	3	3	3	3	3	
10	5	4	3	3	5	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	3	3	3	3	2	

P66

P66 WITH P8033-28

Report No. 99045

No. Lamps: 2 Type Lamp: 26W CF QUAD - GE Total Lumens: 3600

Fixture Efficiency: 9.6%

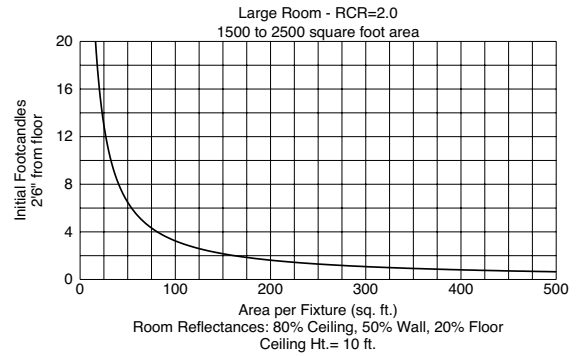
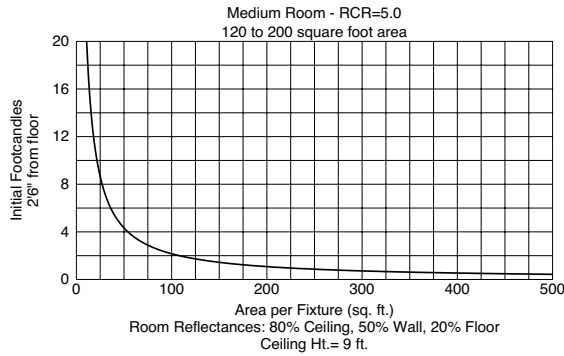
S/MH Ratio: 1.3 (0) 1.2 (90)

Single Fixture Data

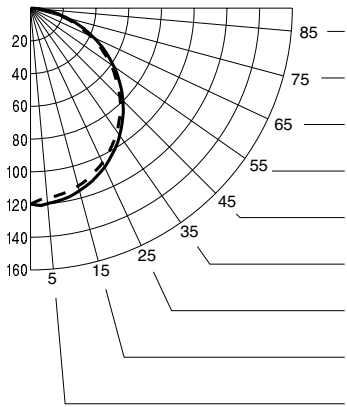
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 109			Beam Angle - 64	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	0.4	16	4.0	2.0	7
10	0.2	21	2.1	1.1	9
12	0.1	27	1.3	0.7	12
14	0.1	32	0.9	0.5	14
16	0.1	38	0.7	0.3	17

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

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0'	AT 90'
90	0	0
85	6	4
80	14	12
75	23	21
70	33	30
65	43	40
60	53	50
55	62	60
50	71	68
45	80	77
40	88	85
35	95	92
30	101	98
25	107	104
20	112	109
15	116	113
10	118	115
5	120	117
0	120	120

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	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	
1	10	10	9	9	10	10	9	9	9	9	9	9	9	8	9	8	8	8	8	8	8	8	8	
2	9	9	8	7	9	8	8	7	8	8	7	8	7	7	7	7	7	7	7	7	7	7	7	
3	9	8	7	6	8	7	7	6	7	6	6	7	6	6	6	6	6	6	6	6	6	6	6	
4	8	7	6	5	8	7	6	5	6	6	5	6	5	5	5	5	5	5	5	5	5	5	5	
5	7	6	5	4	7	6	5	4	6	5	4	5	5	4	5	5	4	5	5	4	5	5	4	
6	7	5	4	4	6	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	5	4	4	
7	6	5	4	3	6	5	4	3	5	4	3	4	4	3	4	4	3	4	4	3	4	4	3	
8	6	4	4	3	6	4	4	3	4	4	3	4	3	3	4	3	3	4	3	3	4	3	3	
9	5	4	3	3	5	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	4	3	3	
10	5	4	3	2	5	4	3	2	4	3	2	4	3	2	4	3	2	3	3	2	3	3	2	

