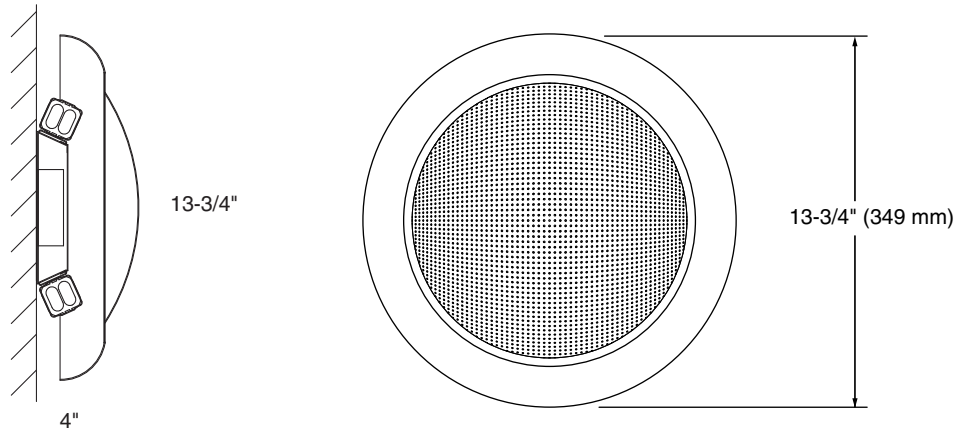


DIMENSIONS



PHOTOMETRIC DATA

CATALOG # AVSC2CF18-PMW-1/2-EB
TEST #25196 S/MH = 1.5

LAMPS = CF18
BALLAST = ELECTRONIC

INPUT WATTS = 35
BALLAST FACTOR = .98

LER = 45

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = **\$5.33** BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 64.0%

CANDLEPOWER			
Angle	End	45	Cross
0	59	59	59
5	23	32	66
15	23	15	64
25	26	16	62
35	34	19	57
45	42	22	51
55	49	25	43
65	56	27	37
75	60	29	32
85	61	29	26
95	58	28	28
105	52	26	47
115	44	23	67
125	35	19	90
135	25	14	114
145	14	14	128
155	4	21	120
165	1	24	80
175	33	6	44

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*

- 80-50-20 Reflectances (Ceiling-Wall-Floor)
- LLF = 0.79 1250 Lumens/Lamp very clean
- Room width divided by room height = 5 or more, 2 or 1

Fixture Size & # of Lamps	Room Width Room Height =	Approx. Area (sq. ft.) per Fixture				
		10 ft-c	30 ft-c	50 ft-c	70 ft-c	100 ft-c
2 Lamp CF18	5	109	36	-	-	-
	2	69	-	-	-	-
	1	48	-	-	-	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 1250 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	4603	66638	1016
55	5453	92961	760
65	6532	128000	605
75	7593	229968	500
85	8728	745162	401

LLF = .79 LLF = LIGHT LOSS FACTOR LLF = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90
LLD = 0.86 @ 40% RATED LAMP LIFE BF = .98 ELECTRONIC BALLAST & CF18 (RELAMP AT 70% LAMP LIFE)

COEFFICIENT OF UTILIZATION

pfc pcc pw RCR	20		70		50	
	70	50	30	70	50	30
0	68	68	68	63	63	53
1	58	55	52	54	51	41
2	53	46	40	47	42	34
3	47	40	34	42	36	29
4	42	34	28	39	32	26
5	39	30	25	35	28	23
6	35	27	20	33	25	20
7	33	23	19	29	22	17
8	30	22	16	28	20	14
9	28	20	14	26	17	11
10	27	17	13	23	17	10

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	78	3.1	4.8
0-40	148	5.9	9.3
0-60	357	14.3	22.3
0-90	789	31.6	49.3
90-180	812	32.5	50.7
0-180	1601	64.0	100.0