

Photometric Report

Number of lamps: 1
Lumens per lamp: 900.00
Input watts: 18.00
Distribution: Direct-Indirect
Efficiency: 47.6
Photometric type: C
Luminous shape: Rectangle
Units: Feet
Luminous Dimensions:
0-180 Axis: 0.244
90-270 Axis: 0.557
Height: 1.094
Spacing Criteria (0): 1.25
Spacing Criteria (90): 5.42
Spacing Criteria (Four Luminaires): 5.89

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	10	1	2
0-40	22	2	5
0-60	70	8	16
0-90	190	21	44
90-120	126	14	30
90-150	207	23	48
90-180	239	27	56
0-180	428	48	100

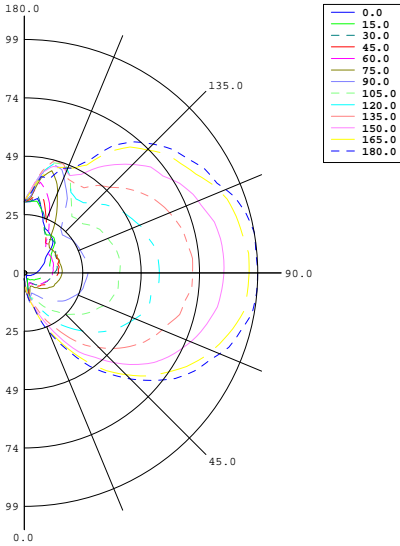
Total Luminaire Efficiency = 48%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	196	196	196	196	196
45.0	29	160	634	901	1298
55.0	35	164	749	1001	1455
65.0	46	189	836	1075	1536
75.0	58	208	943	1157	1638
85.0	78	236	1025	1218	1717

Coefficients of Utilization

pfc= 0.20																		
pcc- pw->0.7	0.80			0.70				0.50				0.30			0.10			0.0
	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0	
RCR																		
0	50	50	50	50	46	46	46	46	38	38	38	31	31	31	24	24	24	21
1	43	40	37	35	39	37	34	32	30	28	26	23	22	21	17	16	15	13
2	38	34	30	27	35	31	27	24	25	22	20	19	17	15	14	12	11	9
3	35	29	24	21	31	26	22	19	21	18	15	16	14	12	12	10	8	6
4	31	25	20	17	28	23	19	15	18	15	12	14	11	9	10	8	7	5
5	28	22	17	14	25	20	16	13	16	13	10	12	10	8	9	7	5	4
6	26	19	15	12	23	18	14	11	14	11	9	11	8	6	8	6	4	3
7	24	17	13	10	21	16	12	9	13	10	7	10	7	5	7	5	4	2
8	22	16	11	9	20	14	10	8	11	8	6	9	6	5	6	4	3	2
9	20	14	10	8	18	13	9	7	10	7	5	8	6	4	6	4	3	2
10	19	13	9	7	17	12	8	6	9	7	5	7	5	4	5	4	2	1





Candela Distribution

	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	165.0	180.0
0.0	2	2	2	2	2	2	2	2	2	2	2	2	2
5.0	8	8	7	8	7	7	6	6	6	6	6	6	7
10.0	10	9	9	10	10	12	13	10	9	10	11	11	12
15.0	5	6	6	7	9	9	10	11	11	12	14	15	14
20.0	3	4	4	5	6	7	9	11	14	17	20	22	23
25.0	2	3	5	5	5	6	10	13	17	22	26	29	31
30.0	2	3	5	6	5	7	11	16	21	27	33	37	39
35.0	2	4	5	6	6	8	13	19	27	34	41	46	48
40.0	2	4	6	7	6	8	15	21	31	40	47	54	56
45.0	1	4	7	8	7	9	17	25	35	45	54	61	64
50.0	2	5	7	9	8	10	19	27	39	50	60	68	71
55.0	2	5	8	9	8	12	21	30	43	54	66	74	78
60.0	2	5	9	10	9	12	22	33	46	59	71	79	83
65.0	3	6	10	11	9	14	23	35	49	62	75	84	87
70.0	3	7	10	12	10	14	25	38	52	64	78	88	92
75.0	3	8	11	12	11	15	26	39	55	68	81	92	95
80.0	4	8	12	13	11	15	26	40	54	69	83	94	98
85.0	4	8	12	14	12	16	26	40	57	71	84	95	99
90.0	5	9	13	14	12	16	27	40	57	71	85	95	99
95.0	6	9	14	14	12	16	27	41	57	72	85	95	99
100.0	6	10	14	15	12	16	27	41	57	70	84	94	99
105.0	7	11	14	15	13	16	26	40	55	70	83	93	97
110.0	8	11	15	16	13	16	26	39	54	68	81	92	95
115.0	9	12	15	15	13	15	25	38	52	66	79	88	90
120.0	10	13	15	16	13	15	25	37	50	63	76	84	88
125.0	11	14	16	16	13	16	25	35	48	60	72	81	84
130.0	13	16	17	16	13	15	24	32	45	56	70	78	82
135.0	17	18	18	16	13	15	23	32	42	51	65	74	77
140.0	19	20	18	16	14	16	24	31	39	48	60	70	73
145.0	19	20	17	16	16	20	29	35	38	44	55	63	66
150.0	20	19	18	18	21	27	36	39	39	44	48	53	55
155.0	21	20	20	22	25	33	41	46	45	44	45	49	49
160.0	23	24	25	26	31	40	47	49	50	49	48	48	47
165.0	28	28	28	32	36	45	48	48	48	49	47	46	41
170.0	32	31	33	34	39	41	43	43	43	44	43	41	41
175.0	30	31	31	31	33	32	33	35	36	36	36	35	34
180.0	30	30	30	30	30	30	30	30	30	30	30	30	30