

Photometric Report

Number of lamps: 1
Lumens per lamp: 1800.00
Input watts: 26.00
Distribution: Direct-Indirect
Efficiency: 47.8
Photometric type: C
Luminous shape: Rectangle
Units: Feet
Luminous Dimensions:
0-180 Axis: 0.244
90-270 Axis: 0.417
Height: 1.772
Spacing Criteria (0): 0.72
Spacing Criteria (90): 5.28
Spacing Criteria (Four Luminaires): 5.67

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	18	1	2
0-40	45	3	5
0-60	152	8	18
0-90	422	23	49
90-120	272	15	32
90-150	412	23	48
90-180	439	24	51
0-180	861	48	100

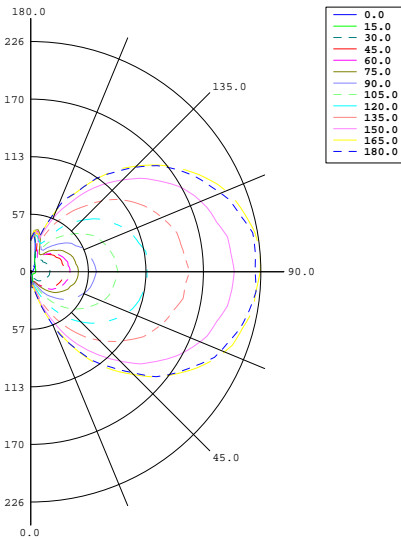
Total Luminaire Efficiency = 48%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	581	581	581	581	581
45.0	14	350	1061	1564	2533
55.0	15	377	1221	1709	2816
65.0	12	397	1344	1823	3010
75.0	15	410	1462	1896	3104
85.0	12	423	1543	1964	3215

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	0.5	0.3	0.1	0.0	
RCR																					
0	51	51	51	51	47	47	47	47	40	40	40	33	33	33	26	26	26	23			
1	44	40	38	35	40	37	34	32	30	28	27	24	23	21	19	18	17	14			
2	39	34	30	26	35	31	27	24	25	22	20	20	18	16	15	13	12	9			
3	35	29	24	21	31	26	22	19	21	18	15	17	14	12	12	10	9	7			
4	31	25	20	17	28	23	18	15	18	15	12	14	12	10	11	9	7	5			
5	28	22	17	14	26	20	16	12	16	13	10	12	10	8	9	7	6	4			
6	26	19	15	11	23	17	13	10	14	11	8	11	8	6	8	6	5	3			
7	24	17	13	10	22	16	12	9	13	9	7	10	7	5	7	5	4	2			
8	22	15	11	8	20	14	10	8	11	8	6	9	6	5	7	5	3	2			
9	20	14	10	7	18	13	9	7	10	7	5	8	6	4	6	4	3	2			
10	19	13	9	6	17	12	8	6	9	7	5	7	5	4	6	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	5	5	5	5	5	5	5	5	5	5	5	5	
5.0	16	13	13	14	15	14	13	13	12	11	11	11	13
10.0	11	12	13	13	14	16	12	11	13	14	15	16	15
15.0	6	6	8	11	11	10	11	12	15	20	25	29	28
20.0	3	3	7	10	11	11	14	16	22	32	40	46	45
25.0	1	3	7	12	12	13	17	21	32	44	56	66	68
30.0	1	3	8	15	15	16	22	28	41	57	76	88	86
35.0	1	3	10	17	18	20	28	36	50	70	92	109	107
40.0	1	3	12	19	21	24	32	43	61	84	108	126	122
45.0	1	3	13	21	23	28	37	50	70	96	124	143	140
50.0	1	3	14	24	27	32	42	57	79	107	141	161	161
55.0	1	4	14	26	29	35	47	63	86	117	153	175	173
60.0	1	4	15	28	32	38	51	68	94	128	165	189	185
65.0	1	4	17	29	34	40	54	73	101	134	175	201	199
70.0	1	4	17	30	35	42	58	78	106	141	185	211	206
75.0	1	5	18	31	36	44	60	81	110	145	189	215	213
80.0	1	5	18	32	38	46	62	82	112	152	196	221	218
85.0	1	5	19	33	39	47	63	84	114	152	198	222	222
90.0	1	5	19	34	39	47	65	86	114	156	200	225	220
95.0	1	5	19	34	39	46	63	84	115	152	198	226	221
100.0	1	5	19	33	37	45	62	83	115	150	196	224	222
105.0	2	5	19	32	38	45	60	81	110	148	189	218	213
110.0	2	5	18	32	36	44	59	78	106	142	185	212	207
115.0	2	5	18	31	35	42	56	75	102	136	177	203	197
120.0	3	6	17	29	33	39	51	71	95	129	168	191	187
125.0	3	5	16	28	31	37	49	65	89	120	155	178	175
130.0	4	6	15	26	28	33	44	59	81	111	143	163	162
135.0	4	7	16	24	25	30	39	51	72	99	127	147	145
140.0	5	8	15	23	23	26	34	45	63	85	113	131	128
145.0	6	8	16	21	20	21	29	39	54	74	97	111	112
150.0	6	8	14	18	17	19	24	32	43	61	79	90	90
155.0	9	10	14	16	15	19	24	26	34	49	64	74	78
160.0	11	11	13	17	19	25	29	27	29	37	48	55	55
165.0	15	14	17	21	28	36	35	32	31	32	34	38	38
170.0	25	26	28	36	41	42	39	36	36	40	40	38	36
175.0	37	39	38	39	38	41	38	35	36	35	38	41	39
180.0	31	31	31	31	31	31	31	31	31	31	31	31	31