



Photometric Report

Number of lamps: 1
Lumens per lamp: 1800.00
Input watts: 26.00
Distribution: Direct-Indirect
Efficiency: 71.7
Photometric type: C
Luminous shape: Rectangle
Units: Feet
Luminous Dimensions:
0-180 Axis: 0.243
90-270 Axis: 0.463
Height: 1.170
Spacing Criteria (0): 4.77
Spacing Criteria (90): 3.23
Spacing Criteria (Four Luminaires): 3.25

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	64	4	5
0-40	116	6	9
0-60	271	15	21
0-90	611	34	47
90-120	349	19	27
90-150	597	33	46
90-180	680	38	53
0-180	1291	72	100

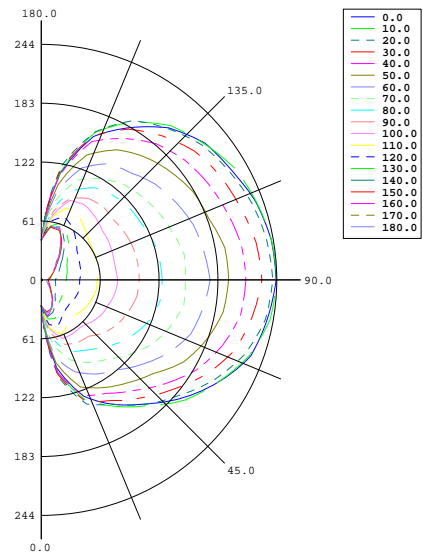
Total Luminaire Efficiency = 72%

Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	2581	2581	2581	2581	2581
45.0	4167	3321	3105	534	292
55.0	4262	3346	3208	439	190
65.0	4428	3444	3316	394	137
75.0	4566	3554	3489	374	119
85.0	4711	3675	3716	365	114

Coefficients of Utilization

pfc= 0.20																					
pcc-	0.80				0.70				0.50				0.30				0.10				0.0
pw->0.7	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	76	76	76	76	70	70	70	70	59	59	59	48	48	48	38	38	38	34			
1	66	62	58	54	60	56	53	49	46	44	41	37	35	33	29	27	26	22			
2	59	52	46	41	53	47	42	38	39	35	31	31	28	25	23	21	19	16			
3	53	45	38	33	48	41	35	30	33	29	25	26	23	20	20	17	15	12			
4	48	39	32	27	43	35	29	25	29	24	20	23	19	16	17	14	12	9			
5	44	34	28	23	40	31	25	21	25	21	17	20	16	14	15	12	10	7			
6	40	30	24	19	36	28	22	18	23	18	14	18	14	11	13	11	8	6			
7	37	27	21	16	33	25	19	15	20	16	12	16	12	10	12	9	7	5			
8	34	24	18	14	31	22	17	13	18	14	11	15	11	9	11	8	6	4			
9	32	22	16	12	29	20	15	11	17	12	9	13	10	7	10	7	6	4			
10	30	20	15	11	27	19	13	10	15	11	8	12	9	7	9	7	5	3			





Candela Distribution

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
0.0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
10.0	93	97	103	100	97	87	81	67	60	56	52	51	47	41	39	34	38	35	35
20.0	128	132	137	134	128	118	101	88	79	71	65	60	50	42	35	31	31	31	31
30.0	149	151	149	144	136	129	113	99	84	75	65	54	43	34	28	22	24	22	21
40.0	168	170	168	160	150	139	122	107	92	76	63	50	40	29	22	16	15	15	15
50.0	190	194	186	177	167	151	136	120	103	85	68	52	38	28	19	12	11	12	10
60.0	212	212	207	196	186	170	152	133	112	92	72	54	40	26	16	10	9	8	8
70.0	231	230	225	213	200	182	165	142	120	96	74	56	40	26	16	8	8	7	6
80.0	238	241	236	222	210	191	170	150	125	100	78	58	40	25	15	7	7	7	6
90.0	243	244	240	229	212	194	175	149	125	101	79	58	40	26	15	7	7	6	6
100.0	242	242	237	226	211	193	171	150	124	101	78	58	42	27	16	9	8	8	7
110.0	237	237	232	220	205	185	168	145	123	101	79	60	43	29	19	11	10	10	9
120.0	228	232	225	215	200	182	161	140	119	99	80	62	45	31	22	14	14	13	13
130.0	221	220	217	208	194	175	154	135	118	97	82	64	48	35	26	19	17	17	16
140.0	206	209	205	195	184	167	145	130	115	99	86	70	55	44	35	27	26	24	25
150.0	182	189	191	180	169	156	139	121	110	97	90	77	64	53	47	42	39	41	39
160.0	158	163	163	159	152	138	124	110	99	90	88	79	70	63	59	55	57	55	55
170.0	112	113	120	116	111	100	92	83	77	72	68	66	62	57	55	55	56	57	57
180.0	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41