



Photometric Report

Number of lamps: 4
 Lumens per lamp: 3150.00
 Input watts: 180.00
 Distribution: Direct
 Efficiency: 64.6
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.980
 90-270 Axis: 1.807
 Height: 0.351
 Spacing Criteria (0): 1.20
 Spacing Criteria (90): 1.27
 Spacing Criteria (Four Luminaires): 1.39

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	2204	17	27
0-40	3601	29	44
0-60	6452	51	79
0-90	8138	65	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	8138	65	100

Total Luminaire Efficiency = 65%

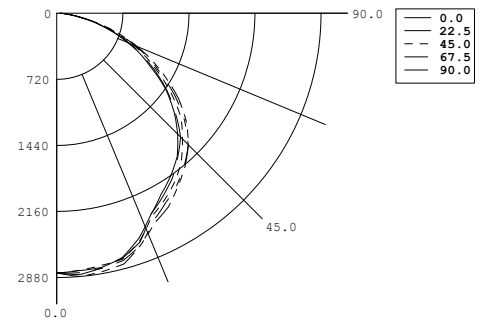
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	8517	8517	8517
45.0	6733	6527	7226
55.0	6077	5809	6644
65.0	4977	4686	5468
75.0	3442	2953	3592
85.0	1277	975	1212

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	0.0			
RCR																		
0	77	77	77	77	75	75	75	75	72	72	69	69	69	66	66	65		
1	71	67	65	62	69	66	63	61	63	61	59	61	59	57	58	56	54	
2	64	59	54	51	62	58	53	50	55	52	49	53	50	48	51	49	47	45
3	58	52	46	42	57	50	46	42	49	44	41	47	43	40	45	42	39	38
4	53	46	40	36	52	45	39	35	43	38	35	42	38	34	40	37	34	32
5	49	41	35	31	48	40	34	30	39	34	30	37	33	30	36	32	29	28
6	45	37	31	27	44	36	30	26	35	30	26	34	29	26	33	29	26	24
7	42	33	27	23	41	33	27	23	32	27	23	31	26	23	30	26	23	22
8	39	30	25	21	38	30	24	21	29	24	21	28	24	21	27	23	20	19
9	36	28	22	19	36	27	22	19	27	22	19	26	22	18	25	21	18	17
10	34	26	20	17	33	25	20	17	25	20	17	24	20	17	23	20	17	16





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2831	2831	2831	2831	2831
5.0	2816	2859	2813	2838	2880
10.0	2813	2817	2791	2824	2859
15.0	2757	2763	2774	2790	2829
20.0	2612	2653	2641	2686	2683
25.0	2423	2420	2445	2493	2522
30.0	2276	2308	2349	2380	2435
35.0	2164	2195	2242	2285	2302
40.0	2040	2049	2111	2163	2175
45.0	1863	1907	1937	2025	2028
50.0	1666	1686	1766	1816	1845
55.0	1452	1466	1523	1573	1618
60.0	1190	1222	1270	1305	1349
65.0	965	979	1029	1065	1088
70.0	718	737	773	796	813
75.0	492	481	503	530	533
80.0	252	259	263	272	281
85.0	112	113	113	112	113
90.0	31	30	28	30	30