



Photometric Report

Number of lamps: 4
 Lumens per lamp: 8350.00
 Input watts: 338.00
 Distribution: Semi-Direct
 Efficiency: 89.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 8.040
 90-270 Axis: 1.250
 Height: 0.130
 Spacing Criteria (0): 1.27
 Spacing Criteria (90): 1.40
 Spacing Criteria (Four Luminaires): 1.48

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	6260	19	21
0-40	10483	31	35
0-60	19195	57	64
0-90	24689	74	82
90-120	1239	4	4
90-150	3876	12	13
90-180	5259	16	18
0-180	29948	90	100

Total Luminaire Efficiency = 90%

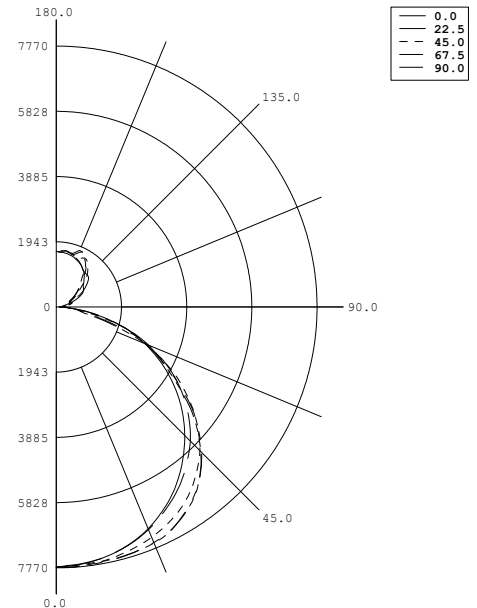
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	8302	8302	8302
45.0	8070	8445	8351
55.0	7967	8056	7578
65.0	7742	7068	6697
75.0	7103	5501	3795
85.0	4294	2724	2504

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	0.0	
RCR																		
0	103	103	103	103	99	99	99	99	91	91	91	84	84	84	77	77	74	
1	94	90	86	83	90	86	83	80	80	77	74	73	71	69	68	66	65	
2	85	78	72	67	81	75	70	65	69	65	61	64	60	57	59	56	54	
3	78	68	61	55	74	66	59	54	61	55	51	56	52	48	52	48	45	
4	71	60	52	46	68	58	51	45	54	48	43	50	45	41	46	42	39	
5	65	54	46	40	62	52	44	39	48	42	37	45	39	35	41	37	33	
6	60	48	40	34	57	46	39	34	43	37	32	40	35	31	37	33	29	
7	55	43	36	30	53	42	35	29	39	33	28	36	31	27	34	29	26	
8	51	39	32	27	49	38	31	26	36	29	25	33	28	24	31	26	23	
9	48	36	29	24	46	35	28	23	33	27	22	31	25	21	29	24	21	
10	45	33	26	21	43	32	25	21	30	24	20	28	23	19	27	22	19	





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	7751	7751	7751	7751	7751
2.5	7731	7710	7770	7770	7728
5.0	7708	7690	7756	7759	7716
7.5	7667	7659	7733	7742	7699
10.0	7616	7610	7705	7728	7699
12.5	7553	7552	7661	7714	7699
15.0	7472	7478	7610	7699	7688
17.5	7380	7392	7556	7673	7665
20.0	7275	7292	7495	7631	7642
22.5	7152	7180	7430	7592	7613
25.0	7008	7049	7343	7544	7564
27.5	6851	6908	7246	7458	7467
30.0	6688	6760	7144	7338	7347
32.5	6507	6608	7011	7195	7217
35.0	6304	6439	6860	7048	7066
37.5	6095	6252	6682	6860	6877
40.0	5875	6052	6482	6645	6639
42.5	5646	5852	6278	6399	6381
45.0	5414	5649	6049	6127	6087
47.5	5164	5408	5772	5817	5760
50.0	4909	5159	5488	5482	5431
52.5	4640	4895	5179	5159	5076
55.0	4365	4620	4838	4769	4661
57.5	4073	4329	4480	4357	4268
60.0	3781	4019	4128	3970	3899
62.5	3475	3684	3701	3595	3566
65.0	3161	3343	3297	3283	3232
67.5	2848	2982	2917	2965	2862
70.0	2533	2613	2584	2493	2304
72.5	2183	2218	2238	1923	1760
75.0	1820	1814	1751	1439	1273
77.5	1442	1460	1276	937	844
80.0	1078	1107	838	726	695
82.5	737	711	611	596	571
85.0	414	385	437	460	446
87.5	188	210	294	305	305
90.0	127	127	210	241	224
92.5	82	99	211	234	225
95.0	107	159	262	274	256
97.5	179	210	314	334	328
100.0	248	228	349	389	391
102.5	305	279	351	449	454
105.0	382	346	339	471	494
107.5	489	408	353	423	482
110.0	594	482	399	409	440
112.5	695	560	465	417	426
115.0	795	654	534	466	446
117.5	880	783	603	534	505
120.0	932	898	683	608	580
122.5	961	990	761	677	652
125.0	987	1078	829	752	729
127.5	1010	1164	907	829	801
130.0	1058	1248	1015	901	881
132.5	1118	1307	1155	981	947
135.0	1164	1327	1282	1061	1033
137.5	1236	1327	1382	1175	1112
140.0	1291	1334	1460	1333	1230
142.5	1339	1339	1542	1460	1399
145.0	1381	1374	1617	1547	1525
147.5	1420	1416	1674	1622	1607
150.0	1456	1465	1685	1696	1676
152.5	1485	1505	1642	1766	1754
155.0	1513	1539	1603	1814	1820
157.5	1534	1567	1585	1757	1825
160.0	1562	1582	1605	1679	1749
162.5	1588	1596	1639	1628	1674
165.0	1599	1611	1660	1651	1659
167.5	1616	1622	1671	1682	1682
170.0	1628	1628	1663	1691	1703
172.5	1637	1639	1665	1679	1691
175.0	1639	1642	1662	1665	1679
177.5	1648	1639	1654	1659	1668
180.0	1657	1657	1657	1657	1657