



# Photometric Report

Number of lamps: 3  
 Lumens per lamp: 3050.00  
 Input watts: 83.00  
 Distribution: Semi-Direct  
 Efficiency: 71.4  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 3.980  
 90-270 Axis: 0.750  
 Height: 0.210  
 Spacing Criteria (0): 1.24  
 Spacing Criteria (90): 1.48  
 Spacing Criteria (Four Luminaires): 1.37

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	1697	19	26
0-40	2838	31	43
0-60	4565	50	70
0-90	5706	62	87
90-120	565	6	9
90-150	813	9	12
90-180	828	9	13
0-180	6534	71	100

Total Luminaire Efficiency = 71%

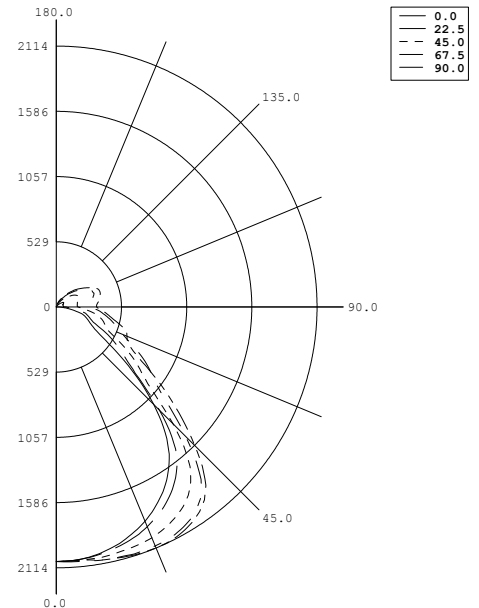
### Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	7439	7439	7439
45.0	5396	5507	6315
55.0	3028	3736	4293
65.0	2292	2677	3380
75.0	2479	2834	3584
85.0	1394	2647	3723

### 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	83	83	83	80	80	80	80	74	74	74	69	69	69	65	65	65	63	
1	76	72	69	66	73	70	67	64	65	63	60	61	59	57	57	55	54	
2	69	63	58	54	66	61	57	53	57	53	50	53	50	48	50	48	46	
3	63	56	50	46	61	54	49	45	51	46	43	48	44	41	45	42	39	
4	58	50	44	39	56	48	43	38	45	41	37	43	39	35	40	37	34	
5	54	45	38	34	51	43	38	33	41	36	32	39	34	31	36	33	30	
6	50	40	34	30	48	39	33	29	37	32	28	35	31	27	33	29	27	
7	46	37	31	26	44	36	30	26	34	29	25	32	28	24	30	27	24	
8	43	33	28	24	41	33	27	23	31	26	23	29	25	22	28	24	21	
9	40	31	25	21	39	30	25	21	28	24	20	27	23	20	26	22	19	
10	37	28	23	19	36	28	22	19	26	22	18	25	21	18	24	20	16	





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	2063	2063	2063	2063	2063
2.5	2063	2062	2061	2068	2059
5.0	2056	2055	2064	2071	2061
7.5	2045	2048	2061	2076	2068
10.0	2029	2036	2063	2084	2083
12.5	2007	2021	2057	2090	2090
15.0	1984	2003	2049	2091	2099
17.5	1951	1982	2044	2099	2107
20.0	1918	1959	2036	2096	2111
22.5	1879	1927	2025	2096	2114
25.0	1835	1892	2006	2092	2111
27.5	1783	1854	1983	2080	2103
30.0	1729	1806	1953	2060	2086
32.5	1664	1752	1916	2033	2061
35.0	1590	1687	1864	1988	2025
37.5	1503	1609	1790	1932	1971
40.0	1393	1505	1687	1825	1886
42.5	1263	1359	1530	1668	1752
45.0	1114	1181	1334	1484	1585
47.5	960	992	1128	1298	1421
50.0	801	835	968	1129	1260
52.5	654	731	870	1014	1107
55.0	518	655	794	941	956
57.5	421	585	708	872	820
60.0	361	518	622	796	723
62.5	325	452	535	716	663
65.0	299	376	472	641	634
67.5	279	326	434	581	620
70.0	260	299	419	534	607
72.5	240	280	402	506	573
75.0	213	262	382	473	526
77.5	168	244	352	441	477
80.0	129	210	320	407	441
82.5	90	171	276	375	411
85.0	54	133	236	346	378
87.5	25	93	200	305	344
90.0	0	69	177	283	326
92.5	0	59	169	282	327
95.0	0	59	172	284	334
97.5	0	57	171	290	347
100.0	0	56	174	299	358
102.5	0	56	175	307	362
105.0	0	56	176	308	367
107.5	0	59	176	318	374
110.0	0	56	187	326	375
112.5	0	59	197	319	372
115.0	0	64	197	318	360
117.5	0	67	197	303	337
120.0	0	70	190	280	314
122.5	0	69	180	259	290
125.0	0	66	167	240	267
127.5	0	57	151	220	246
130.0	0	51	136	202	227
132.5	0	43	124	180	206
135.0	0	35	110	159	183
137.5	0	32	95	143	163
140.0	0	24	82	125	140
142.5	0	18	69	104	123
145.0	0	13	56	90	102
147.5	0	12	49	75	89
150.0	0	9	40	62	74
152.5	0	5	35	53	63
155.0	0	4	27	43	53
157.5	0	2	21	32	40
160.0	0	0	17	27	33
162.5	0	0	12	21	25
165.0	0	0	8	14	18
167.5	0	0	5	10	12
170.0	0	0	0	3	8
172.5	0	0	0	1	3
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0