



# Photometric Report

Number of lamps: 1  
 Lumens per lamp: 9500.00  
 Input watts: 100.00  
 Distribution: Semi-Direct  
 Efficiency: 74.1  
 Photometric type: C  
 Luminous shape: Cylinder, Z-axis orientation  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.000  
 90-270 Axis: 1.000  
 Height: 0.531  
 Spacing Criteria (0): 1.97  
 Spacing Criteria (90): 1.97  
 Spacing Criteria (Four Luminaires): 2.04

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	560	6	8
0-40	1062	11	15
0-60	2300	24	33
0-90	6178	65	88
90-120	634	7	9
90-150	846	9	12
90-180	862	9	12
0-180	7040	74	100

Total Luminaire Efficiency = 74%

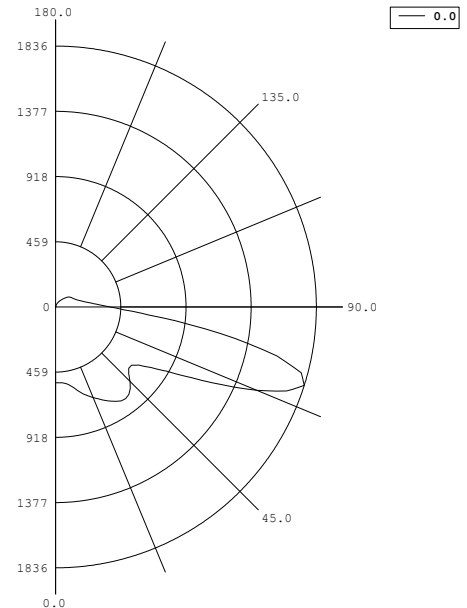
### Luminance Data in candela/square meter

	0.0
0.0	7305
45.0	8555
55.0	8665
65.0	17189
75.0	26907
85.0	11903

### 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	86	86	86	86	83	83	83	83	77	77	77	72	72	72	67	67	67	65
1	73	67	61	57	69	64	59	55	59	55	51	54	51	48	50	48	45	43
2	63	54	46	40	60	51	44	39	47	41	36	43	38	34	39	35	32	29
3	56	45	36	30	53	43	35	29	39	32	27	35	30	25	32	28	24	21
4	50	38	30	23	47	36	29	22	33	26	21	30	24	20	28	23	18	16
5	45	33	25	19	43	32	24	18	29	22	17	27	21	16	24	19	15	13
6	41	30	21	16	39	28	21	15	26	19	14	24	18	13	22	17	13	11
7	38	26	19	13	36	25	18	13	23	17	12	21	16	12	20	15	11	9
8	35	24	17	12	34	23	16	11	21	15	11	19	14	10	18	13	9	8
9	33	22	15	10	31	21	14	10	19	14	9	18	13	9	16	12	8	7
10	31	20	13	9	29	19	13	9	18	12	8	17	11	8	15	11	7	6





R5100S6

Candela Distribution

	0.0
0.0	533
2.5	535
5.0	536
7.5	543
10.0	558
12.5	581
15.0	611
17.5	641
20.0	666
22.5	690
25.0	714
27.5	741
30.0	765
32.5	788
35.0	807
37.5	812
40.0	803
42.5	778
45.0	740
47.5	698
50.0	672
52.5	674
55.0	713
57.5	794
60.0	906
62.5	1079
65.0	1299
67.5	1535
70.0	1731
72.5	1836
75.0	1791
77.5	1596
80.0	1283
82.5	949
85.0	661
87.5	482
90.0	383
92.5	316
95.0	270
97.5	237
100.0	210
102.5	191
105.0	176
107.5	163
110.0	154
112.5	147
115.0	140
117.5	135
120.0	131
122.5	127
125.0	122
127.5	116
130.0	107
132.5	97
135.0	86
137.5	77
140.0	69
142.5	61
145.0	54
147.5	48
150.0	41
152.5	35
155.0	28
157.5	22
160.0	15
162.5	11
165.0	8
167.5	6
170.0	5
172.5	4
175.0	3
177.5	1
180.0	1