



# Photometric Report

Number of lamps: 3  
 Lumens per lamp: 1350.00  
 Input watts: 66.00  
 Distribution: Direct  
 Efficiency: 62.1  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 1.632  
 90-270 Axis: 0.755  
 Height: 0.000  
 Spacing Criteria (0): 1.30  
 Spacing Criteria (90): 1.36  
 Spacing Criteria (Four Luminaires): 1.44

### Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	683	17	27
0-40	1116	28	44
0-60	2000	49	80
0-90	2514	62	100
90-120	1	0	0
90-150	1	0	0
90-180	1	0	0
0-180	2515	62	100

Total Luminaire Efficiency = 62%

### Luminance Data in candela/square meter

	0.0	45.0	90.0	135.0	180.0
0.0	7120	7120	7120	7120	7120
45.0	7228	7469	7603	7437	7060
55.0	6835	7533	7357	7171	6978
65.0	6450	6572	6716	6607	6343
75.0	5158	5211	4966	5302	5098
85.0	3098	3163	3182	2994	3127

### Coefficients of Utilization

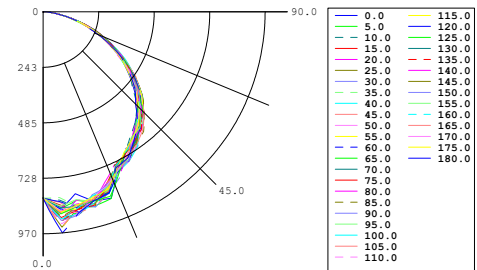
pfc= 0.20

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	74	74	74	74	72	72	72	72	69	69	69	66	66	66	63	63	63	62
1	68	65	62	60	66	63	61	59	61	59	57	58	57	55	56	55	54	52
2	62	56	52	49	60	55	51	48	53	50	47	51	48	46	49	47	45	44
3	56	50	44	40	55	49	44	40	47	43	39	45	42	39	43	40	38	37
4	51	44	38	34	50	43	38	34	41	37	33	40	36	33	39	35	33	31
5	47	39	34	29	46	38	33	29	37	32	29	36	32	29	35	31	28	27
6	44	35	30	26	42	35	29	25	33	29	25	32	28	25	31	28	25	23
7	40	32	26	23	39	31	26	22	30	26	22	30	25	22	29	25	22	21
8	38	29	24	20	37	29	24	20	28	23	20	27	23	20	26	22	20	18
9	35	27	22	18	34	26	21	18	26	21	18	25	21	18	24	20	18	17
10	33	25	20	16	32	24	20	16	24	19	16	23	19	16	23	19	16	15





S33174

# Candela Distribution

	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0		
0.0	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	815	
5.0	866	865	827	848	858	945	878	815	862	836	877	881	866	898	901	903	875	913	901	887	909	857	930	949	833	887	858	920	882	900	916	853	911	946	872	879	970		
10.0	808	837	866	880	854	868	862	861	892	891	892	873	887	892	901	878	861	893	835	864	895	891	892	858	871	863	865	876	838	867	902	834	871	861	863	858	893		
15.0	856	861	882	855	853	867	874	833	837	853	842	874	837	878	848	850	853	856	884	853	865	879	848	845	852	856	833	875	846	871	828	857	833	849	837	839	856		
20.0	867	804	813	806	791	827	813	819	806	821	836	820	834	869	831	837	802	814	838	831	844	840	833	815	841	858	843	816	814	809	814	814	809	814	813	800	811	827	844
25.0	767	761	757	739	738	753	776	768	765	767	759	753	772	761	757	775	777	739	797	768	773	752	776	781	773	782	746	764	791	744	761	770	747	773	766	759	753		
30.0	717	712	713	717	753	715	701	709	740	715	751	731	721	738	748	737	743	753	734	746	753	736	752	729	751	714	728	718	721	713	750	737	713	733	728	708	739		
35.0	680	698	664	692	675	675	692	696	681	716	706	691	696	705	704	700	691	708	720	683	719	710	707	691	694	699	697	692	688	708	678	671	686	675	682	679	690		
40.0	626	631	627	644	627	643	640	639	658	642	655	660	654	674	655	655	670	683	669	667	652	676	667	644	662	654	654	669	656	654	642	659	641	642	643	646	641		
45.0	585	583	579	585	595	605	600	605	587	605	601	610	620	624	610	619	622	625	616	626	610	625	609	617	604	613	610	602	608	593	599	597	593	573	595	593	572		
50.0	516	533	508	546	531	540	535	547	543	545	549	564	565	565	563	565	558	566	559	548	563	551	558	561	552	544	558	537	546	536	544	538	537	539	527	521	524		
55.0	449	461	458	466	458	458	467	459	482	495	490	490	474	475	484	487	486	484	483	483	486	487	486	484	483	477	475	471	469	468	460	457	451	469	462	451	458		
60.0	385	387	386	384	374	382	398	399	390	386	397	395	400	403	399	408	401	405	406	401	414	404	399	401	390	403	396	400	408	390	392	394	377	379	378	382	393		
65.0	312	300	311	306	307	297	313	319	322	318	313	312	324	327	323	321	325	326	325	327	326	325	327	316	325	318	320	320	314	322	308	311	315	311	299	309	307		
70.0	232	227	230	220	223	231	232	239	235	236	241	234	242	238	237	250	238	242	242	238	240	234	239	238	242	241	237	237	238	241	226	231	231	231	230	230	218		
75.0	153	142	152	150	150	146	151	153	156	154	153	156	156	150	155	162	153	152	147	152	158	152	155	163	156	154	154	157	148	158	151	145	156	149	153	146	151		
80.0	77	80	76	80	78	81	81	83	81	83	78	79	80	82	82	77	85	81	81	77	77	77	76	82	78	79	78	75	80	81	82	81	76	82	76	78	78		
85.0	31	35	34	34	33	34	33	34	30	32	30	32	32	32	33	33	34	32	31	35	33	34	31	31	36	34	30	33	31	33	32	31	33	32	31	33	32	31	
90.0	3	3	4	3	3	2	3	4	3	4	3	3	3	2	3	3	3	3	2	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
95.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0