



**Photometric Report**

Number of lamps: 8  
 Lumens per lamp: 5000.00  
 Input watts: 472.00  
 Distribution: Direct  
 Efficiency: 76.5  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 3.901  
 90-270 Axis: 1.782  
 Height: 0.000  
 Spacing Criteria (0): 1.27  
 Spacing Criteria (90): 1.14  
 Spacing Criteria (Four Luminaires): 1.34

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0-30	8982	22	29
0-40	14414	36	47
0-60	24805	62	81
0-90	30590	76	100
90-120	15	0	0
90-150	15	0	0
90-180	15	0	0
0-180	30604	77	100

Total Luminaire Efficiency = 77%

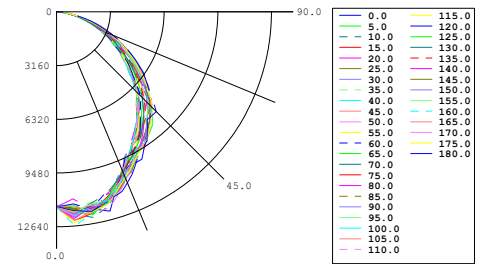
**Luminance Data in candela/square meter**

	0.0	45.0	90.0	135.0	180.0
0.0	17738	17738	17738	17738	17738
45.0	17252	15892	14730	15938	18157
55.0	16341	14610	12954	14669	16738
65.0	14839	12559	11308	12868	15224
75.0	12146	10282	9184	10555	12459
85.0	6850	6538	6943	6690	7346

**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	92	92	92	89	89	89	89	85	85	85	82	82	82	78	78	78	77	
1	84	80	77	74	82	79	76	73	75	73	71	72	71	69	70	68	65	
2	77	70	65	61	75	69	64	60	66	62	59	64	60	58	61	59	55	
3	70	62	56	51	68	61	55	51	59	54	50	56	52	49	54	51	48	
4	64	55	49	43	62	54	48	43	52	47	43	50	46	42	49	45	40	
5	59	49	43	38	57	49	42	37	47	41	37	45	40	37	44	40	36	
6	55	45	38	33	53	44	37	33	42	37	32	41	36	32	40	35	30	
7	51	40	34	29	49	40	34	29	39	33	29	38	32	29	37	32	27	
8	47	37	30	26	46	36	30	26	35	30	26	34	29	26	34	29	24	
9	44	34	28	23	43	34	28	23	33	27	23	32	27	23	31	26	22	
10	41	31	25	21	40	31	25	21	30	25	21	30	25	21	29	24	20	





# S2854T5H4-R5

## 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	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454	11454
5.0	11590	11512	11899	11554	12084	11590	12110	11559	11744	11426	11804	12472	11783	12026	11952	12296	12192	11602	12057	11410	12017	12314	11954	11722	11344	11785	11932	11710	11042	11654	11926	11833	12640	11864	12049	11759	11728	
10.0	11746	11822	12282	11944	11994	12020	11691	11400	11739	11974	11474	11927	11714	12156	11776	12032	11606	11799	11544	11592	11633	11839	11758	11486	11717	12096	11451	11618	11706	11910	11671	11491	11966	11567	11987	11952	11917	
15.0	12135	11451	11814	11381	11148	11656	11555	11554	11460	11550	11466	11462	11036	11368	11404	11319	11156	11334	11471	11639	11427	11722	11540	11401	11597	11442	11108	11694	11752	11671	11526	11423	11643	11721	11955	11700	11518	
20.0	10438	10867	10758	11014	11033	10594	11074	10925	10699	10770	10991	10598	10933	10498	10667	10791	10673	10499	10438	10784	10783	10587	10727	10572	10665	10498	10516	10633	10578	11000	10763	10717	10743	10902	11110	10901	11244	
25.0	10019	10276	9984	9831	10312	10411	10240	9884	9960	10187	9772	9523	9850	9791	9894	9701	9512	9771	9435	9744	9634	9499	9661	9824	9531	9881	9842	9872	10025	10161	10107	10279	10266	10227	10290	10216	10527	
30.0	10018	9681	9586	9929	9585	9466	9599	9357	9341	9253	9299	9285	9237	9137	8968	8931	8784	8857	8806	8900	8932	9028	9215	9121	9250	9317	9355	9186	9550	9555	9386	9333	9530	9596	9493	9618	9658	
35.0	9101	9176	9261	9216	8940	9000	8999	8803	8706	8692	8581	8500	8584	8486	8528	8282	8117	8231	8347	8381	8126	8518	8202	8353	8568	8730	8688	8607	8821	8993	9067	9324	9190	9207	9215	9239	9266	
40.0	8471	8748	8531	8346	8447	8487	8275	8201	8015	8005	7939	7958	7606	7640	7405	7327	7544	7275	7451	7267	7462	7569	7396	7595	7641	7769	7973	8145	8005	8329	8311	8224	8593	8201	8537	8594	8280	
45.0	7877	7902	7921	7756	7871	7740	7588	7339	7581	7256	7301	7031	7008	6818	6753	6722	6730	6633	6725	6748	6598	6733	6776	6653	6945	7125	7124	7277	7499	7704	7557	7627	7758	7865	7992	7966	8290	
50.0	6701	6927	7126	7074	6874	6805	6749	6594	6668	6350	6454	6285	5820	5937	5772	5734	5729	5587	5613	5698	5571	5844	5835	5956	5868	6124	6204	6331	6559	6454	6727	6907	7021	6987	7057	7016	7064	
55.0	6052	6156	6232	6107	5949	5784	5746	5661	5513	5411	5233	5074	5051	4826	4886	4826	4816	4737	4798	4835	4788	4939	4854	4852	5047	5202	5283	5433	5539	5532	5867	5822	6000	5952	6119	5949	6199	
60.0	5038	5033	4974	5019	4798	4813	4610	4702	4535	4504	4331	4237	4149	3973	4021	3947	4000	3921	3923	3944	3955	3923	4085	4031	3941	4122	4284	4376	4550	4734	4728	4742	4894	4912	4972	4943	5152	
65.0	4049	4001	4016	4003	3826	3759	3829	3677	3528	3427	3494	3306	3247	3277	3201	3174	3136	3044	3086	3157	3114	3213	3169	3186	3262	3435	3441	3511	3565	3715	3799	3859	3986	3914	3947	3983	4155	
70.0	3117	3005	3005	2944	2780	2825	2858	2677	2678	2611	2491	2450	2354	2453	2343	2346	2272	2415	2299	2354	2278	2389	2416	2318	2355	2432	2573	2537	2550	2628	2800	2942	2853	2948	3018	2882	2969	
75.0	2030	1941	1971	1910	1857	1772	1794	1754	1675	1718	1644	1588	1569	1543	1616	1620	1625	1586	1535	1507	1496	1578	1561	1634	1565	1585	1601	1764	1699	1684	1899	1845	1921	1920	1937	1891	2082	
80.0	1018	1039	1006	925	923	993	1003	899	904	856	865	892	838	820	870	834	876	829	855	831	830	804	817	805	835	803	842	912	966	935	934	973	989	928	1112	1012	970	
85.0	385	393	403	432	418	367	413	400	384	368	369	394	375	377	407	369	360	374	391	379	415	425	358	410	380	394	369	377	378	399	397	449	382	423	418	401	413	
90.0	74	54	53	58	70	41	47	44	54	55	53	55	53	57	55	48	62	57	37	61	55	53	65	60	52	50	38	50	51	50	52	50	59	60	61	50	50	
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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