

**LUMINAIRE:** CWW2-935LWG-1WR-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acylic prisms lens  
 Scaled from Test#16.01044  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2377  
**WATTS:** 28.70  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = N/A 90° = N/A  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 1.92  
 HEIGHT: 0.00

TEST #16318  
 DATE: 11/6/2017  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 83**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.93**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

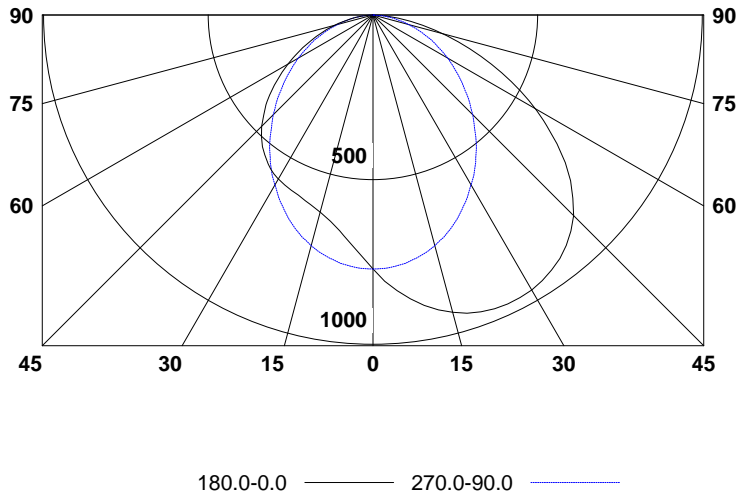
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	616	25.9	25.9
0-40	1028	43.2	43.2
0-60	1869	78.6	78.6
0-90	2377	100.0	100.0
0-180	2377	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	771	771	771	771	771
7.5	869	860	821	773	676
15.0	934	916	846	756	620
22.5	965	939	847	717	592
30.0	964	931	823	658	575
37.5	932	896	775	581	538
45.0	861	830	696	492	478
52.5	736	719	597	396	394
60.0	568	565	470	302	297
67.5	388	394	330	210	204
75.0	216	227	195	126	122
82.5	83	90	81	53	49
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	22.5	45.0	67.5	90.0	180.0
0	17290	17290	17290	17290	17290	17290
30	24962	24237	22528	19265	15407	14889
40	26727	25878	23536	19262	14227	15281
45	27305	26513	23944	19028	13573	15159
50	27316	26723	24107	18525	12908	14792
55	26664	26351	23888	17984	12276	14075
60	25475	25430	23456	17177	11796	13320
65	23825	23825	22180	16184	11143	12470
70	21571	21965	20850	14949	10491	11474
75	18715	19668	18715	13343	9704	10571
80	16014	16918	16659	11752	8782	9040
85	12865	14152	14152	10292	8234	7976

**CANDELA/SQ M**

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	5.0	10.0	15.0	20.0	22.5	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	67.5	70.0
0.0	771	771	771	771	771	771	771	771	771	771	771	771	771	771	771	771	771
2.5	809	808	808	807	806	805	805	801	800	798	795	793	790	786	782	779	776
5.0	840	839	838	837	835	833	833	829	826	821	817	813	807	800	792	788	784
7.5	869	869	868	865	863	861	860	854	849	843	836	829	821	812	801	796	790
10.0	895	894	892	889	885	883	881	875	868	861	852	843	832	821	808	800	793
12.5	917	916	914	911	906	903	900	893	884	875	865	854	841	826	811	801	793
15.0	934	933	931	927	922	919	916	907	897	886	874	861	846	829	811	801	791
17.5	949	946	945	939	934	931	927	919	909	895	882	867	849	831	810	798	787
20.0	959	957	955	949	943	939	935	926	914	901	886	869	850	829	806	793	779
22.5	965	962	959	954	947	943	939	929	917	903	886	868	847	824	798	784	770
25.0	<b>968*</b>	965	962	956	949	944	939	929	916	902	884	865	842	817	789	773	759
27.5	967	964	961	955	946	942	937	925	913	896	878	858	834	807	776	760	744
30.0	964	960	956	950	941	936	931	920	906	888	870	847	823	793	762	744	726
32.5	956	954	949	941	933	928	923	910	895	878	857	835	809	778	744	727	710
35.0	945	943	938	931	923	917	912	897	882	864	841	819	791	763	727	708	687
37.5	932	929	924	917	908	903	896	882	866	846	824	799	775	740	704	684	663
40.0	913	912	907	898	890	884	878	865	846	826	804	780	750	716	679	658	636
42.5	889	889	884	877	868	863	856	843	824	804	783	755	724	690	650	630	609
45.0	861	861	857	849	842	836	830	816	798	782	755	727	696	661	621	600	579
47.5	823	824	821	816	808	803	796	785	770	749	726	696	665	628	589	567	545
50.0	783	784	782	776	770	766	761	749	737	716	691	665	629	594	553	531	512
52.5	736	735	735	731	727	723	719	710	694	679	655	624	597	555	519	496	477
55.0	682	680	681	679	676	674	670	661	652	635	611	586	556	517	481	460	441
57.5	625	628	627	624	623	621	618	611	601	587	567	548	513	479	442	425	403
60.0	568	566	569	569	568	567	565	556	550	540	523	500	470	436	403	383	366
62.5	509	507	507	509	507	506	504	502	494	483	469	451	425	392	362	343	330
65.0	449	447	448	450	449	449	447	447	440	431	418	401	379	351	322	305	289
67.5	388	386	387	390	392	393	394	390	389	380	369	351	330	304	280	270	252
70.0	329	327	328	332	335	335	338	334	335	327	318	303	284	263	240	228	215
72.5	270	273	274	276	279	280	280	282	279	275	265	255	238	220	198	190	182
75.0	216	216	221	222	225	227	227	228	228	225	216	207	195	179	162	154	148
77.5	168	166	167	173	176	177	178	177	180	178	172	163	154	141	128	122	117
80.0	124	123	124	126	128	131	132	131	134	131	129	123	116	106	96	91	86
82.5	83	85	85	87	88	89	90	92	91	91	89	86	81	75	68	64	61
85.0	50	51	53	53	54	55	55	56	57	57	55	52	50	46	42	40	40
87.5	22	23	23	23	25	26	26	27	27	27	27	26	25	23	21	20	19
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE

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**CANDELA VALUES**

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	771	771	771	771	771	771	771	771
2.5	772	771	772	770	750	741	736	735
5.0	777	773	772	766	734	717	708	704
7.5	780	773	768	760	717	692	680	676
10.0	780	770	762	750	697	669	657	653
12.5	777	764	752	739	677	647	637	633
15.0	772	756	741	725	653	625	619	620
17.5	765	745	728	709	631	605	605	609
20.0	756	732	712	690	610	588	595	600
22.5	742	717	692	669	584	570	585	592
25.0	727	698	672	645	561	555	576	587
27.5	710	678	650	622	537	540	569	581
30.0	691	658	626	595	514	525	561	575
32.5	671	634	602	571	489	509	551	566
35.0	646	609	576	544	467	495	540	554
37.5	622	581	545	515	445	480	526	538
40.0	592	552	517	486	421	464	509	522
42.5	564	521	486	455	400	446	491	501
45.0	534	492	458	428	377	429	471	478
47.5	499	461	427	399	355	408	446	450
50.0	469	428	395	370	333	388	422	424
52.5	434	396	365	342	310	366	394	394
55.0	399	365	336	314	288	341	366	360
57.5	365	333	306	288	265	315	336	331
60.0	333	302	281	263	244	291	306	297
62.5	297	272	251	235	220	263	275	266
65.0	264	242	223	210	196	235	243	235
67.5	231	210	196	186	175	209	213	204
70.0	198	182	169	160	152	182	183	175
72.5	165	153	144	137	128	153	152	148
75.0	136	126	118	112	106	127	126	122
77.5	106	100	95	90	85	101	99	94
80.0	81	75	72	68	64	76	74	70
82.5	56	53	51	49	45	52	50	49
85.0	36	34	33	32	30	33	31	31
87.5	18	17	17	17	14	13	11	11
90.0	0	0	0	0	0	0	0	0