

**LUMINAIRE:** CWW2-30VWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acrylic prisms lens  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1426  
**WATTS:** 15.20  
**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 #16.00842  
 DATE: 4/7/2016

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 94**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.53**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

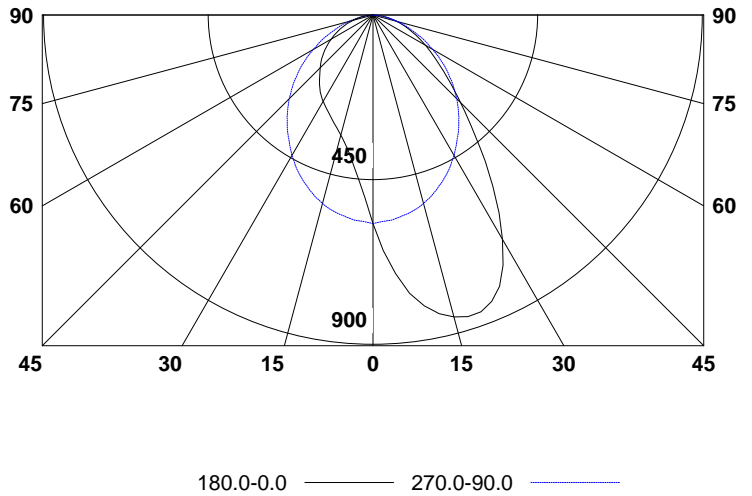
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	468	32.8	32.8
0-40	751	52.7	52.7
0-60	1204	84.5	84.5
0-90	1426	100.0	100.0
0-180	1426	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	570	570	570	570	570
7.5	767	751	682	593	412
15.0	854	842	764	602	340
22.5	847	849	801	596	301
30.0	707	744	787	571	273
37.5	504	544	696	527	240
45.0	339	365	527	459	204
52.5	236	248	351	365	170
60.0	166	171	221	254	132
67.5	112	114	134	155	93
75.0	67	69	74	81	58
82.5	29	31	30	29	25
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	12782	12782	12782	12782	12782	12782
30	18307	19058	20456	18695	11471	7069
40	12822	13700	17037	19116	10685	6645
45	10751	11385	14398	18299	10243	6470
50	9210	9664	11931	16641	9768	6349
55	8132	8406	10009	14427	9227	6138
60	7445	7624	8611	12244	8477	5920
65	6792	6951	7535	10188	7694	5625
70	6294	6425	6688	8589	6819	5311
75	5805	5978	6065	7105	5978	5025
80	5424	5553	5553	5811	4907	4520
85	4632	4889	5146	4889	4117	3860

**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	570	570	570	570	570	570	570	570	570	570	570	570	570	570	570	570	570
2.5	644	643	643	643	641	640	638	634	631	626	622	616	610	604	597	593	589
5.0	709	709	708	706	703	701	698	692	685	677	668	657	647	636	623	616	609
7.5	767	766	765	762	758	754	751	744	734	723	712	697	682	665	647	638	628
10.0	807	807	805	804	798	796	793	784	776	763	749	733	714	693	669	657	645
12.5	836	836	835	832	828	826	823	815	805	794	779	761	742	718	691	675	661
15.0	854	854	853	851	847	845	842	835	826	816	802	784	764	738	708	691	674
17.5	864*	863	863	861	858	856	854	848	840	830	818	802	782	755	723	704	685
20.0	863	862	862	860	859	858	856	852	847	839	828	813	794	767	734	714	693
22.5	847	847	847	848	848	849	849	848	845	839	830	818	801	776	742	722	700
25.0	818	817	817	820	824	826	828	830	832	831	826	817	803	780	746	725	702
27.5	770	772	775	777	786	789	791	802	807	812	813	808	798	778	746	725	701
30.0	707	711	713	722	729	736	744	755	770	781	790	792	787	772	742	722	698
32.5	641	644	649	653	668	674	680	701	717	737	752	762	767	757	733	714	690
35.0	571	574	579	587	599	606	615	636	655	682	704	725	737	735	717	700	677
37.5	504	503	508	516	531	537	544	569	589	619	647	674	696	705	695	681	660
40.0	438	440	444	451	462	468	477	498	523	549	582	617	645	665	663	653	635
42.5	385	386	390	396	405	410	418	436	457	484	518	555	588	615	625	618	604
45.0	339	340	343	347	355	359	365	380	398	423	454	491	527	560	578	577	567
47.5	297	300	301	305	310	315	319	330	347	366	394	425	463	500	523	529	525
50.0	264	265	267	270	275	277	281	291	303	319	342	372	404	441	470	477	474
52.5	236	237	238	240	243	245	248	256	265	278	297	322	351	385	415	424	424
55.0	208	209	210	211	214	215	217	223	230	241	256	277	301	333	360	369	373
57.5	186	186	187	189	190	191	193	196	202	210	220	238	260	286	310	318	325
60.0	166	166	167	168	169	170	171	174	177	182	192	205	221	244	266	273	276
62.5	146	146	147	148	149	149	150	152	154	158	165	174	187	206	224	230	234
65.0	128	128	128	129	131	131	131	133	135	137	142	148	159	174	189	192	196
67.5	112	112	113	113	114	114	114	116	116	119	121	127	134	144	156	161	162
70.0	96	97	97	97	98	98	98	99	99	101	102	106	112	119	128	131	132
72.5	81	81	81	82	82	83	83	83	84	85	85	88	91	97	102	104	107
75.0	67	68	68	68	68	69	69	69	70	70	70	72	74	77	81	82	84
77.5	55	55	55	55	55	55	56	56	56	56	56	57	57	59	62	63	63
80.0	42	42	42	42	43	43	43	43	43	43	43	43	43	44	45	45	45
82.5	29	29	29	30	30	30	31	31	31	31	31	30	30	31	30	31	31
85.0	18	18	18	18	19	19	20	20	20	21	20	20	20	19	19	19	19
87.5	8	8	8	8	8	8	9	8	9	9	9	9	9	8	8	8	9
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	570	570	570	570	570	570	570	570
2.5	582	578	573	565	534	515	503	500
5.0	597	586	576	563	510	476	456	450
7.5	609	593	577	557	485	441	417	412
10.0	621	598	576	551	461	412	387	381
12.5	630	601	573	543	438	386	363	357
15.0	637	602	568	533	415	363	344	340
17.5	643	603	562	522	395	346	328	325
20.0	647	600	554	508	375	329	316	313
22.5	648	596	544	494	356	315	303	301
25.0	648	590	532	478	338	301	293	291
27.5	645	581	518	461	321	289	283	281
30.0	639	571	504	443	305	277	273	273
32.5	629	558	487	423	289	265	263	263
35.0	616	545	470	404	275	254	253	252
37.5	601	527	451	385	259	243	243	240
40.0	579	507	430	365	245	231	228	227
42.5	554	485	410	344	230	219	216	215
45.0	524	459	387	323	215	207	205	204
47.5	488	429	361	302	201	193	193	193
50.0	449	398	337	280	187	181	181	182
52.5	406	365	309	258	174	169	170	170
55.0	360	327	281	236	160	156	157	157
57.5	317	289	252	213	146	144	145	146
60.0	273	254	223	189	133	132	133	132
62.5	232	215	193	167	119	118	120	119
65.0	195	183	166	145	106	106	107	106
67.5	162	155	140	124	94	94	94	93
70.0	132	128	116	104	81	82	81	81
72.5	106	102	95	86	68	69	69	69
75.0	83	81	76	69	56	57	57	58
77.5	63	62	58	52	45	46	46	46
80.0	45	44	42	38	34	35	36	35
82.5	31	29	28	26	24	24	26	25
85.0	18	18	17	16	15	15	14	15
87.5	8	8	7	7	6	5	3	3
90.0	0	0	0	0	0	0	0	0