

**LUMINAIRE:** CWW2-40VWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acrylic prisms lens  
 Scaled from Test# 16.00842  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1498  
**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 #16212  
 DATE: 4/7/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 99**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.40**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

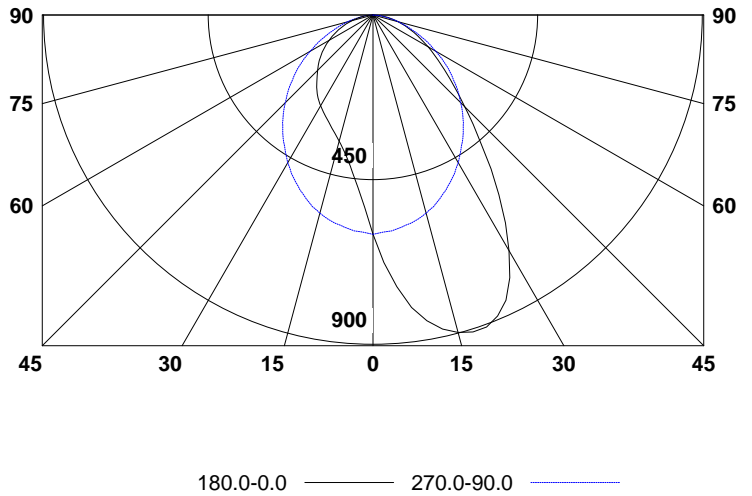
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	492	32.8	32.8
0-40	790	52.7	52.7
0-60	1266	84.5	84.5
0-90	1498	100.0	100.0
0-180	1498	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	599	599	599	599	599
7.5	806	789	717	623	433
15.0	898	885	803	633	357
22.5	890	892	842	626	316
30.0	743	782	827	600	287
37.5	530	572	732	554	252
45.0	356	384	554	482	214
52.5	248	261	369	384	179
60.0	174	180	232	267	139
67.5	118	120	141	163	98
75.0	70	73	78	85	61
82.5	30	33	32	30	26
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	13432	13432	13432	13432	13432	13432
30	19239	20042	21492	19654	12067	7432
40	13466	14403	17915	20082	11241	6996
45	11290	11956	15127	19218	10751	6787
50	9664	10152	12524	17478	10257	6663
55	8562	8836	10517	15169	9696	6451
60	7804	8028	9060	12872	8925	6234
65	7163	7323	7906	10719	8065	5890
70	6622	6753	7016	9048	7147	5573
75	6065	6325	6412	7451	6325	5285
80	5682	5811	5811	6070	5166	4778
85	4889	5146	5403	5146	4374	4117

**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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DATE: 4/7/2016

**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	599	599	599	599	599	599	599	599	599	599	599	599	599	599	599	599	599
2.5	677	676	676	676	674	673	671	666	663	658	654	647	641	635	627	623	619
5.0	745	745	744	742	739	737	734	727	720	712	702	691	680	668	655	647	640
7.5	806	805	804	801	797	792	789	782	771	760	748	733	717	699	680	671	660
10.0	848	848	846	845	839	837	833	824	816	802	787	770	750	728	703	691	678
12.5	879	879	878	874	870	868	865	857	846	834	819	800	780	755	726	709	695
15.0	898	898	897	894	890	888	885	878	868	858	843	824	803	776	744	726	708
17.5	908*	907	907	905	902	900	898	891	883	872	860	843	822	794	760	740	720
20.0	907	906	906	904	903	902	900	895	890	882	870	854	834	806	771	750	728
22.5	890	890	890	891	891	892	892	891	888	882	872	860	842	816	780	759	736
25.0	860	859	859	862	866	868	870	872	874	873	868	859	844	820	784	762	738
27.5	809	811	815	817	826	829	831	843	848	853	854	849	839	818	784	762	737
30.0	743	747	749	759	766	774	782	794	809	821	830	832	827	811	780	759	734
32.5	674	677	682	686	702	708	715	737	754	775	790	801	806	796	770	750	725
35.0	600	603	609	617	630	637	646	668	688	717	740	762	775	772	754	736	712
37.5	530	529	534	542	558	564	572	598	619	651	680	708	732	741	730	716	694
40.0	460	462	467	474	486	492	501	523	550	577	612	648	678	699	697	686	667
42.5	405	406	410	416	426	431	439	458	480	509	544	583	618	646	657	650	635
45.0	356	357	360	365	373	377	384	399	418	445	477	516	554	589	607	606	596
47.5	312	315	316	321	326	331	335	347	365	385	414	447	487	526	550	556	552
50.0	277	279	281	284	289	291	295	306	318	335	359	391	425	463	494	501	498
52.5	248	249	250	252	255	258	261	269	279	292	312	338	369	405	436	446	446
55.0	219	220	221	222	225	226	228	234	242	253	269	291	316	350	378	388	392
57.5	195	195	197	199	200	201	203	206	212	221	231	250	273	301	326	334	342
60.0	174	174	176	177	178	179	180	183	186	191	202	215	232	256	280	287	290
62.5	153	153	155	156	157	157	158	160	162	166	173	183	197	217	235	242	246
65.0	135	135	135	136	138	138	138	140	142	144	149	156	167	183	199	202	206
67.5	118	118	119	119	120	120	120	122	122	125	127	133	141	151	164	169	170
70.0	101	102	102	102	103	103	103	104	104	106	107	111	118	125	135	138	139
72.5	85	85	85	86	86	87	87	87	88	89	89	92	96	102	107	109	112
75.0	70	71	71	71	71	73	73	73	74	74	74	76	78	81	85	86	88
77.5	58	58	58	58	58	58	59	59	59	59	59	60	60	62	65	66	66
80.0	44	44	44	44	45	45	45	45	45	45	45	45	45	46	47	47	47
82.5	30	30	30	32	32	32	33	33	33	33	33	32	32	33	32	33	33
85.0	19	19	19	19	20	20	21	21	21	22	21	21	21	20	20	20	20
87.5	8	8	8	8	8	8	9	8	9	9	9	9	9	9	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	599	599	599	599	599	599	599	599
2.5	612	607	602	594	561	541	529	526
5.0	627	616	605	592	536	500	479	473
7.5	640	623	606	585	510	463	438	433
10.0	653	629	605	579	485	433	407	400
12.5	662	632	602	571	460	406	382	375
15.0	669	633	597	560	436	382	362	357
17.5	676	634	591	549	415	364	345	342
20.0	680	631	582	534	394	346	332	329
22.5	681	626	572	519	374	331	318	316
25.0	681	620	559	502	355	316	308	306
27.5	678	611	544	485	337	304	297	295
30.0	672	600	530	466	321	291	287	287
32.5	661	586	512	445	304	279	276	276
35.0	647	573	494	425	289	267	266	265
37.5	632	554	474	405	272	255	255	252
40.0	609	533	452	384	258	243	240	239
42.5	582	510	431	362	242	230	227	226
45.0	551	482	407	339	226	218	215	214
47.5	513	451	379	317	211	203	203	203
50.0	472	418	354	294	197	190	190	191
52.5	427	384	325	271	183	178	179	179
55.0	378	344	295	248	168	164	165	165
57.5	333	304	265	224	153	151	152	153
60.0	287	267	234	199	140	139	140	139
62.5	244	226	203	176	125	124	126	125
65.0	205	192	174	152	111	111	112	111
67.5	170	163	147	130	99	99	99	98
70.0	139	135	122	109	85	86	85	85
72.5	111	107	100	90	71	73	73	73
75.0	87	85	80	73	59	60	60	61
77.5	66	65	61	55	47	48	48	48
80.0	47	46	44	40	36	37	38	37
82.5	33	30	29	27	25	25	27	26
85.0	19	19	18	17	16	16	15	16
87.5	8	8	7	7	6	5	3	3
90.0	0	0	0	0	0	0	0	0