

**LUMINAIRE:** CWW4-40MLG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
 Scaled from Test#16.00951  
**BALLAST:** XI054C150V054DNT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 5116  
**WATTS:** 49.50  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = N/A 90° = N/A  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 3.92  
 HEIGHT: 0.00

TEST #16231  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 103**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

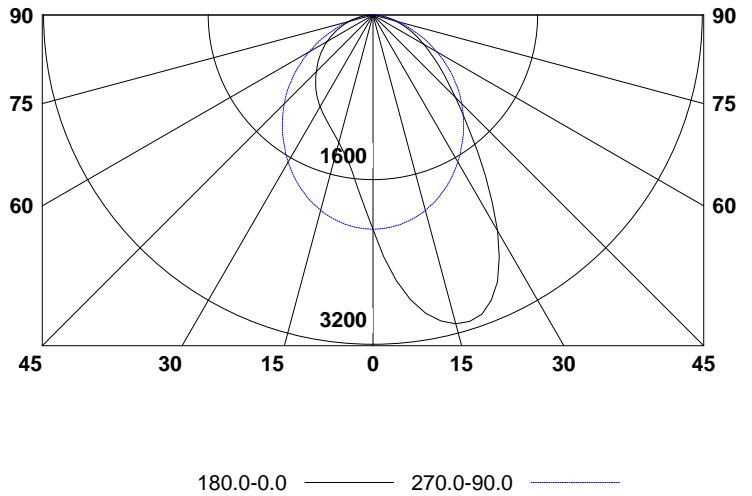
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1697	33.2	33.2
0-40	2700	52.8	52.8
0-60	4305	84.2	84.2
0-90	5116	100.0	100.0
0-180	5116	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	2083	2083	2083	2083	2083
7.5	2789	2579	2052	1643	1538
15.0	3106	2902	1965	1363	1279
22.5	3000	2989	1828	1186	1139
30.0	2420	2778	1650	1045	1028
37.5	1668	2212	1444	916	911
45.0	1135	1523	1220	787	779
52.5	805	1003	977	645	650
60.0	572	659	716	501	516
67.5	390	417	466	365	372
75.0	229	247	253	227	236
82.5	100	104	99	105	117
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	22879	22879	22879	22879	22879
30	30692	35233	20927	13253	13038
40	20790	28475	19614	12517	12402
45	17630	23657	18950	12225	12100
50	15379	19770	18096	11842	11842
55	13730	16737	17043	11413	11605
60	12565	14476	15729	11006	11335
65	11617	12735	14242	10630	10916
70	10694	11368	12492	10212	10501
75	9718	10482	10737	9633	10015
80	8919	9172	9045	9108	9867
85	7058	8192	7562	8570	9452

**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: \_\_\_\_\_

**LUMINAIRE:** CWW4-40MLG-1WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prised lens  
Scaled from Test#16.00951

TEST #16231  
DATE: 6/3/2016

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	2083	2083	2083	2083	2083	2083	2083	2083	2083
2.5	2348	2326	2267	2173	2077	1976	1913	1862	1869
5.0	2588	2536	2429	2255	2067	1889	1773	1692	1690
7.5	2789	2725	2579	2333	2052	1798	1643	1552	1538
10.0	2942	2872	2714	2405	2028	1714	1537	1444	1430
12.5	3044	2984	2823	2468	2000	1629	1442	1358	1348
15.0	3106	3046	2902	2519	1965	1549	1363	1287	1279
17.5	<b>3121*</b>	3074	2960	2565	1925	1474	1298	1232	1230
20.0	3093	3063	2990	2601	1878	1399	1239	1182	1180
22.5	3000	3001	2989	2624	1828	1334	1186	1137	1139
25.0	2861	2885	2956	2636	1772	1269	1136	1097	1100
27.5	2657	2731	2887	2634	1711	1208	1091	1058	1063
30.0	2420	2505	2778	2617	1650	1150	1045	1022	1028
32.5	2156	2275	2620	2581	1582	1091	1003	984	990
35.0	1902	2027	2429	2523	1513	1034	961	947	952
37.5	1668	1766	2212	2443	1444	980	916	907	911
40.0	1450	1552	1986	2340	1368	925	873	865	865
42.5	1281	1364	1751	2203	1296	873	831	823	823
45.0	1135	1201	1523	2037	1220	821	787	776	779
47.5	1003	1053	1330	1860	1142	766	740	732	736
50.0	900	940	1157	1671	1059	716	693	688	693
52.5	805	832	1003	1472	977	662	645	644	650
55.0	717	741	874	1282	890	612	596	602	606
57.5	639	657	762	1117	808	560	547	556	560
60.0	572	588	659	955	716	510	501	513	516
62.5	503	516	569	808	632	458	455	465	470
65.0	447	453	490	679	548	409	409	417	420
67.5	390	395	417	561	466	360	365	371	372
70.0	333	339	354	458	389	312	318	323	327
72.5	279	286	298	371	320	266	272	277	281
75.0	229	235	247	291	253	218	227	234	236
77.5	184	189	192	222	195	176	185	193	195
80.0	141	144	145	156	143	135	144	153	156
82.5	100	101	104	106	99	97	105	112	117
85.0	56	61	65	65	60	63	68	75	75
87.5	20	22	26	28	29	29	35	36	35
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE