

**LUMINAIRE:** CWW4-35MLG-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:** 4950  
**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 #16230  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 100**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.42**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

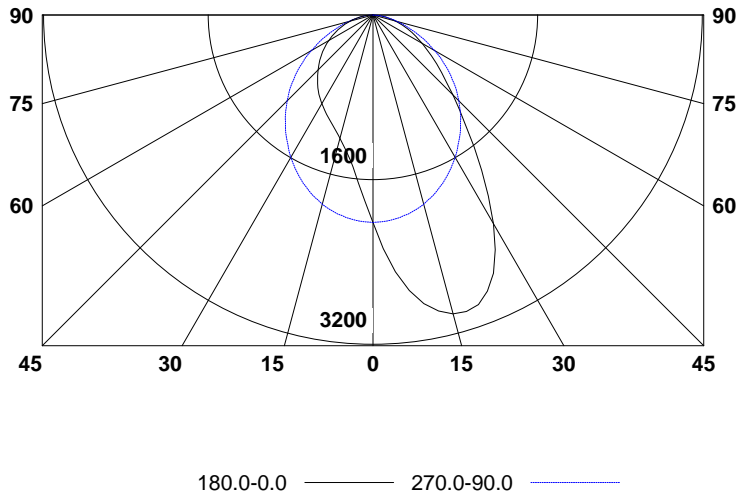
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1642	33.2	33.2
0-40	2613	52.8	52.8
0-60	4166	84.2	84.2
0-90	4950	100.0	100.0
0-180	4950	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	2016	2016	2016	2016	2016
7.5	2699	2496	1985	1590	1488
15.0	3005	2808	1902	1319	1238
22.5	2903	2892	1769	1147	1102
30.0	2342	2688	1597	1011	995
37.5	1614	2141	1397	887	882
45.0	1098	1474	1181	762	754
52.5	779	970	946	624	629
60.0	553	638	693	485	499
67.5	377	404	451	353	360
75.0	222	239	245	220	229
82.5	97	101	96	102	113
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	22143	22143	22143	22143	22143
30	29703	34091	20254	12822	12619
40	20116	27558	18984	12116	12001
45	17055	22896	18345	11836	11712
50	14883	19138	17515	11449	11449
55	13290	16200	16488	11049	11241
60	12148	14015	15223	10654	10962
65	11227	12319	13774	10292	10578
70	10341	11015	12075	9891	10148
75	9421	10143	10397	9336	9718
80	8602	8855	8729	8792	9551
85	6805	7940	7310	8318	9074

**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:** CWW4-35MLG-1WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prisms lens  
Scaled from Test#16.00951

TEST #16230  
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	2016	2016	2016	2016	2016	2016	2016	2016	2016
2.5	2272	2251	2194	2103	2010	1912	1851	1802	1808
5.0	2504	2454	2350	2182	2000	1828	1716	1637	1635
7.5	2699	2637	2496	2258	1985	1740	1590	1502	1488
10.0	2847	2779	2626	2327	1963	1659	1487	1397	1384
12.5	2945	2887	2732	2388	1935	1576	1395	1314	1305
15.0	3005	2947	2808	2438	1902	1499	1319	1246	1238
17.5	<b>3020*</b>	2975	2864	2483	1863	1426	1256	1192	1190
20.0	2993	2964	2893	2517	1817	1354	1199	1144	1142
22.5	2903	2904	2892	2539	1769	1291	1147	1100	1102
25.0	2768	2792	2861	2551	1715	1228	1099	1062	1065
27.5	2571	2642	2794	2549	1656	1169	1056	1024	1028
30.0	2342	2424	2688	2532	1597	1113	1011	989	995
32.5	2086	2202	2535	2498	1531	1056	970	952	958
35.0	1841	1962	2350	2442	1464	1001	930	916	921
37.5	1614	1709	2141	2364	1397	948	887	878	882
40.0	1403	1502	1922	2264	1324	895	845	837	837
42.5	1240	1320	1694	2132	1254	845	804	796	796
45.0	1098	1162	1474	1971	1181	794	762	751	754
47.5	970	1019	1287	1800	1105	741	716	708	712
50.0	871	909	1120	1617	1025	693	670	666	670
52.5	779	805	970	1425	946	641	624	623	629
55.0	694	717	846	1241	861	592	577	583	587
57.5	618	636	737	1081	782	542	529	538	542
60.0	553	569	638	924	693	493	485	496	499
62.5	487	499	550	782	611	443	440	450	455
65.0	432	438	474	657	530	396	396	404	407
67.5	377	382	404	543	451	349	353	359	360
70.0	322	328	343	443	376	302	308	312	316
72.5	270	277	289	359	309	257	263	268	272
75.0	222	228	239	282	245	211	220	227	229
77.5	178	183	186	215	189	170	179	187	189
80.0	136	139	140	151	138	130	139	148	151
82.5	97	98	101	103	96	94	102	109	113
85.0	54	59	63	63	58	61	66	72	72
87.5	19	21	25	27	28	28	34	35	34
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE