

**LUMINAIRE:** CWW4-30LWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
**BALLAST:** XI054C150V054DNT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4026  
**WATTS:** 39.50  
**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 #16.00953  
 DATE: 6/2/2016

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 102**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.38**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

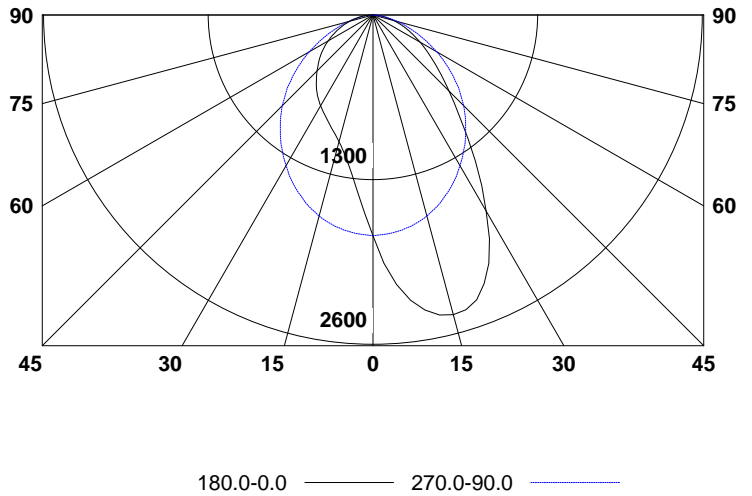
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1364	33.9	33.9
0-40	2147	53.3	53.3
0-60	3396	84.4	84.4
0-90	4026	100.0	100.0
0-180	4026	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1743	1743	1743	1743	1743
7.5	2271	2135	1714	1362	1271
15.0	2448	2336	1642	1110	1036
22.5	2294	2350	1525	957	916
30.0	1786	2127	1374	840	825
37.5	1235	1650	1201	734	732
45.0	850	1124	1012	629	625
52.5	606	747	802	514	520
60.0	430	493	582	399	411
67.5	289	316	373	289	297
75.0	169	182	203	182	192
82.5	70	78	77	87	97
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	19144	19144	19144	19144	19144
30	22651	26976	17426	10654	10463
40	15456	21134	16317	10051	9965
45	13203	17459	15720	9770	9708
50	11585	14576	14952	9449	9484
55	10341	12428	13941	9096	9268
60	9446	10830	12785	8765	9029
65	8655	9590	11383	8447	8629
70	7964	8607	10020	8125	8382
75	7172	7724	8615	7724	8148
80	6515	6895	7211	7337	8223
85	5041	6049	6049	7310	8696

**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:** CWW4-30LWG-1WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prisms lens

TEST #16.00953  
DATE: 6/2/2016

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	1743	1743	1743	1743	1743	1743	1743	1743	1743
2.5	1960	1936	1892	1819	1735	1653	1598	1553	1558
5.0	2135	2100	2018	1885	1727	1575	1475	1406	1400
7.5	2271	2233	2135	1945	1714	1498	1362	1282	1271
10.0	2365	2325	2223	2001	1695	1425	1264	1177	1172
12.5	2425	2384	2289	2045	1671	1353	1181	1101	1092
15.0	<b>2448*</b>	2415	2336	2081	1642	1282	1110	1042	1036
17.5	2439	2416	2362	2110	1608	1214	1052	993	991
20.0	2392	2385	2366	2131	1570	1151	1001	951	953
22.5	2294	2315	2350	2141	1525	1091	957	915	916
25.0	2163	2201	2306	2141	1480	1037	915	881	884
27.5	1992	2051	2232	2129	1430	984	876	850	857
30.0	1786	1878	2127	2105	1374	934	840	819	825
32.5	1598	1682	1986	2064	1319	885	805	790	798
35.0	1408	1491	1824	2009	1261	838	770	759	766
37.5	1235	1312	1650	1930	1201	793	734	726	732
40.0	1078	1142	1474	1836	1138	748	701	693	695
42.5	955	1005	1287	1721	1077	703	665	659	660
45.0	850	888	1124	1581	1012	659	629	621	625
47.5	754	791	984	1430	940	617	591	584	587
50.0	678	702	853	1284	875	573	553	549	555
52.5	606	626	747	1119	802	531	514	514	520
55.0	540	555	649	983	728	489	475	478	484
57.5	482	493	572	847	656	448	437	443	447
60.0	430	440	493	718	582	407	399	406	411
62.5	376	389	429	611	507	366	361	368	370
65.0	333	341	369	514	438	326	325	330	332
67.5	289	295	316	425	373	286	289	293	297
70.0	248	253	268	347	312	248	253	257	261
72.5	206	211	222	282	255	209	216	221	224
75.0	169	172	182	221	203	173	182	189	192
77.5	135	138	144	166	157	139	148	156	161
80.0	103	105	109	119	114	107	116	126	130
82.5	70	75	78	81	77	78	87	96	97
85.0	40	42	48	49	48	49	58	67	69
87.5	14	15	20	22	23	25	32	36	37
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE