

**LUMINAIRE:** CWW4-50VWG-1WR-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
 Scaled from Test#16.00849  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3386  
**WATTS:** 31.10  
**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 #16247  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 109**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.20**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

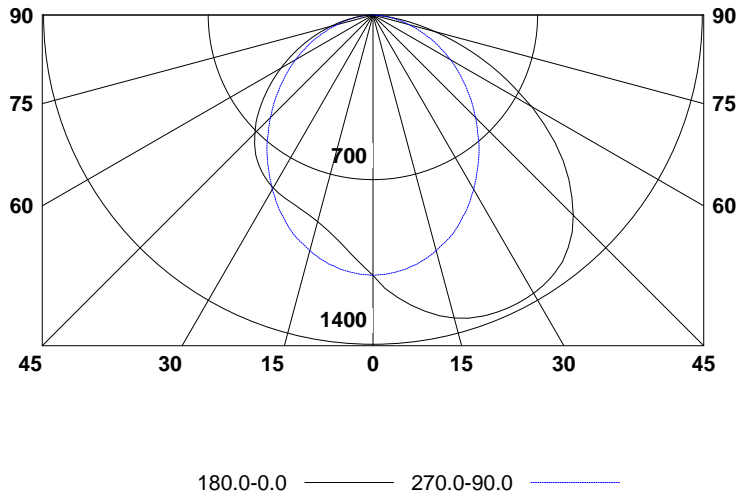
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	884	26.1	26.1
0-40	1475	43.6	43.6
0-60	2678	79.1	79.1
0-90	3386	100.0	100.0
0-180	3386	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1107	1107	1107	1107	1107
7.5	1244	1197	1088	1004	986
15.0	1333	1248	1037	911	909
22.5	1368	1261	959	834	872
30.0	1365	1233	857	770	848
37.5	1322	1169	740	707	799
45.0	1204	1073	616	635	710
52.5	1019	922	496	540	588
60.0	779	725	380	431	451
67.5	520	506	267	309	314
75.0	272	294	158	188	184
82.5	80	107	67	79	79
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	12159	12159	12159	12159	12159
30	17312	15638	10869	9766	10755
40	18510	16360	10022	9836	11112
45	18702	16667	9568	9864	11029
50	18557	16712	9159	9808	10816
55	18077	16430	8751	9670	10417
60	17112	15926	8348	9468	9907
65	15594	14996	7927	9096	9330
70	13970	13905	7354	8671	8639
75	11543	12477	6705	7978	7809
80	8666	10247	6009	7211	7021
85	5041	7562	5419	6175	6049

**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:** CWW4-50VWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prisms lens  
Scaled from Test#16.00849

TEST #16247  
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	1107	1107	1107	1107	1107	1107	1107	1107	1107
2.5	1163	1154	1145	1123	1103	1081	1070	1057	1064
5.0	1205	1194	1172	1136	1097	1058	1036	1018	1024
7.5	1244	1228	1197	1145	1088	1034	1004	982	986
10.0	1279	1259	1217	1149	1075	1007	972	949	955
12.5	1309	1284	1234	1151	1058	979	941	922	929
15.0	1333	1306	1248	1150	1037	948	911	901	909
17.5	1351	1322	1256	1144	1014	917	884	882	894
20.0	1362	1331	1262	1135	990	883	858	866	882
22.5	1368	1336	1261	1123	959	851	834	853	872
25.0	1371*	1336	1255	1107	927	816	812	841	865
27.5	1370	1332	1247	1088	893	783	791	831	858
30.0	1365	1326	1233	1065	857	749	770	820	848
32.5	1356	1314	1216	1037	817	715	750	806	835
35.0	1342	1299	1196	1008	779	684	730	792	819
37.5	1322	1276	1169	975	740	651	707	773	799
40.0	1291	1250	1141	935	699	617	686	751	775
42.5	1253	1216	1110	895	656	586	661	725	745
45.0	1204	1174	1073	853	616	554	635	695	710
47.5	1146	1120	1026	806	576	521	605	661	674
50.0	1086	1063	978	755	536	490	574	626	633
52.5	1019	999	922	705	496	459	540	587	588
55.0	944	931	858	651	457	426	505	545	544
57.5	861	856	791	596	419	393	467	503	500
60.0	779	779	725	545	380	361	431	458	451
62.5	687	690	650	488	343	327	391	411	405
65.0	600	608	577	432	305	292	350	367	359
67.5	520	524	506	375	267	260	309	322	314
70.0	435	443	433	321	229	225	270	278	269
72.5	348	366	361	266	193	189	228	233	227
75.0	272	291	294	215	158	157	188	191	184
77.5	201	212	226	167	126	126	150	151	146
80.0	137	146	162	124	95	95	114	114	111
82.5	80	92	107	86	67	66	79	79	79
85.0	40	47	60	51	43	43	49	49	48
87.5	13	14	20	21	21	21	22	21	20
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE