

**LUMINAIRE:** CWW4-40VWG-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:** 3280  
**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 #16246  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 105**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.26**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

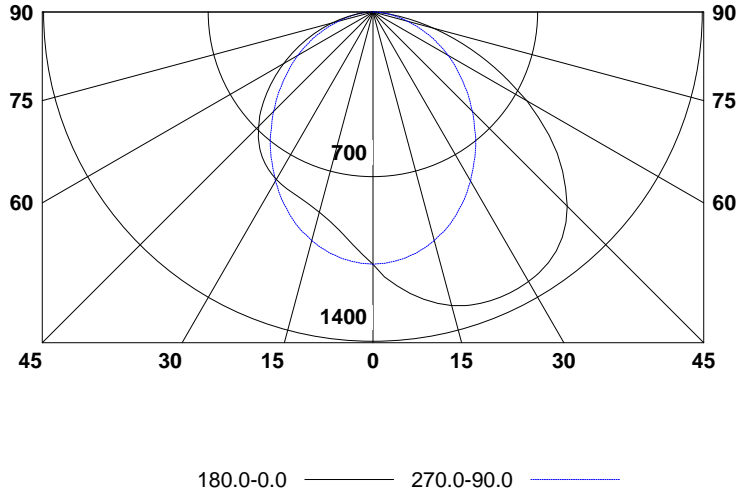
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	856	26.1	26.1
0-40	1429	43.6	43.6
0-60	2594	79.1	79.1
0-90	3280	100.0	100.0
0-180	3280	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1072	1072	1072	1072	1072
7.5	1206	1159	1054	972	955
15.0	1292	1209	1005	883	881
22.5	1325	1221	929	808	845
30.0	1322	1194	830	746	822
37.5	1280	1132	717	685	774
45.0	1167	1039	597	615	687
52.5	987	893	480	523	570
60.0	755	702	368	417	437
67.5	503	490	259	300	304
75.0	264	285	153	182	179
82.5	78	104	65	77	77
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	11774	11774	11774	11774	11774
30	16767	15143	10527	9461	10425
40	17937	15858	9707	9520	10754
45	18127	16139	9273	9553	10671
50	17976	16182	8868	9501	10475
55	17503	15913	8464	9364	10092
60	16585	15421	8084	9160	9600
65	15100	14528	7667	8810	9044
70	13520	13456	7129	8414	8382
75	11204	12095	6493	7724	7596
80	8349	9931	5819	6958	6768
85	4915	7310	5293	5923	5797

**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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CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acrylic prisms lens  
Scaled from Test#16.00849

TEST #16246  
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	1072	1072	1072	1072	1072	1072	1072	1072	1072
2.5	1127	1118	1109	1088	1069	1047	1036	1024	1031
5.0	1168	1156	1135	1100	1063	1025	1004	986	992
7.5	1206	1190	1159	1109	1054	1002	972	951	955
10.0	1239	1219	1179	1113	1042	975	942	920	925
12.5	1268	1243	1195	1115	1025	948	911	893	900
15.0	1292	1265	1209	1114	1005	919	883	872	881
17.5	1308	1280	1217	1108	983	888	857	854	866
20.0	1319	1290	1222	1099	959	856	831	839	854
22.5	1325	1294	1221	1088	929	824	808	826	845
25.0	1328*	1294	1216	1072	898	790	786	815	838
27.5	1327	1291	1208	1054	865	759	766	805	831
30.0	1322	1284	1194	1032	830	725	746	795	822
32.5	1314	1273	1178	1005	791	693	726	781	809
35.0	1300	1258	1158	976	755	662	707	767	794
37.5	1280	1236	1132	945	717	631	685	748	774
40.0	1251	1211	1106	906	677	598	664	727	750
42.5	1214	1178	1075	867	636	568	640	702	722
45.0	1167	1137	1039	826	597	537	615	674	687
47.5	1110	1085	994	781	558	504	586	640	653
50.0	1052	1030	947	732	519	475	556	606	613
52.5	987	968	893	683	480	445	523	569	570
55.0	914	902	831	631	442	413	489	528	527
57.5	834	829	766	577	406	380	452	488	485
60.0	755	755	702	528	368	350	417	444	437
62.5	665	668	630	473	332	316	378	398	392
65.0	581	589	559	418	295	283	339	355	348
67.5	503	508	490	364	259	252	300	312	304
70.0	421	429	419	311	222	218	262	269	261
72.5	337	354	350	258	187	183	221	226	220
75.0	264	282	285	208	153	152	182	185	179
77.5	194	205	219	162	122	122	145	146	142
80.0	132	142	157	120	92	92	110	110	107
82.5	78	89	104	83	65	64	77	77	77
85.0	39	45	58	49	42	42	47	47	46
87.5	13	14	19	20	20	20	21	20	19
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE