

**LUMINAIRE:** CWW2-35LWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acrylic prisms lens  
 Scaled from Test#16.00838  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2607  
**WATTS:** 26.90  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = N/A 90° = N/A  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 1.92  
 HEIGHT: 0.00

TEST #16217  
 DATE: 4/6/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 97**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.47**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

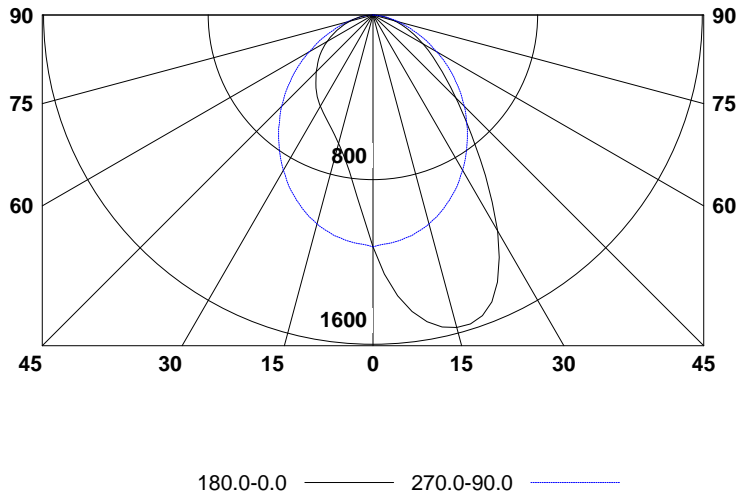
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	879	33.7	33.7
0-40	1392	53.4	53.4
0-60	2207	84.7	84.7
0-90	2607	100.0	100.0
0-180	2607	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1126	1126	1126	1126	1126
7.5	1452	1437	1325	1169	800
15.0	1571	1561	1448	1184	646
22.5	1508	1529	1487	1167	566
30.0	1210	1282	1427	1112	512
37.5	835	916	1222	1015	453
45.0	569	615	902	866	390
52.5	400	422	598	670	326
60.0	281	293	381	456	259
67.5	185	192	231	276	185
75.0	109	112	124	142	117
82.5	41	44	48	51	56
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	22.5	45.0	67.5	90.0	180.0
0	25250	25250	25250	25250	25250	25250
30	31332	32808	36329	35009	22554	13258
40	21340	23038	28952	34601	20843	12617
45	18045	19250	24229	32506	19884	12368
50	15594	16502	20165	29026	18839	12141
55	13918	14505	17007	24905	17593	11885
60	12603	13096	14800	21079	16146	11616
65	11408	11727	12894	17723	14539	10984
70	10294	10753	11409	14687	12720	10622
75	9444	9704	10224	12130	11004	10137
80	8007	8394	8911	9686	9169	9815
85	5661	5918	6947	7462	7205	9778

**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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**CANDELA VALUES**

ANGLE	0.0	5.0	10.0	15.0	20.0	22.5	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	67.5	70.0
0.0	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126
2.5	1259	1258	1259	1259	1256	1253	1251	1244	1238	1229	1220	1210	1199	1188	1176	1170	1162
5.0	1369	1369	1369	1365	1362	1357	1355	1341	1331	1317	1302	1284	1264	1245	1223	1211	1199
7.5	1452	1456	1457	1452	1446	1442	1437	1425	1410	1394	1373	1350	1325	1298	1266	1250	1234
10.0	1513	1514	1515	1513	1505	1502	1497	1486	1471	1452	1431	1404	1376	1341	1305	1283	1262
12.5	1552	1552	1552	1549	1546	1540	1538	1526	1513	1495	1474	1448	1417	1381	1338	1313	1287
15.0	1571	1572	1573	1571	1567	1564	1561	1551	1539	1523	1505	1480	1448	1411	1364	1336	1308
17.5	1573	1575*	1575	1575	1573	1570	1568	1562	1552	1539	1522	1499	1471	1432	1383	1355	1324
20.0	1554	1556	1557	1559	1560	1560	1560	1556	1551	1542	1529	1509	1483	1445	1397	1367	1334
22.5	1508	1507	1511	1517	1520	1524	1529	1533	1534	1530	1523	1509	1487	1452	1404	1373	1338
25.0	1431	1432	1438	1446	1460	1462	1470	1483	1494	1500	1502	1496	1480	1450	1404	1373	1338
27.5	1327	1330	1337	1349	1369	1378	1389	1408	1430	1448	1462	1469	1460	1438	1396	1366	1330
30.0	1210	1213	1222	1236	1256	1267	1282	1313	1345	1377	1403	1422	1427	1416	1380	1352	1317
32.5	1078	1081	1091	1105	1133	1146	1163	1194	1235	1279	1319	1356	1376	1377	1352	1326	1294
35.0	952	956	965	984	1007	1026	1038	1072	1123	1169	1224	1272	1307	1325	1312	1292	1261
37.5	835	839	848	860	887	899	916	949	995	1050	1108	1167	1222	1257	1259	1245	1219
40.0	729	735	742	758	772	787	797	836	876	930	989	1054	1121	1169	1189	1182	1165
42.5	644	649	654	663	678	691	700	733	767	817	874	940	1015	1073	1108	1110	1100
45.0	569	574	579	585	597	607	615	642	669	713	764	828	902	968	1016	1025	1023
47.5	505	506	511	517	526	532	540	559	585	619	664	720	786	862	913	930	935
50.0	447	452	455	459	466	473	477	494	513	542	578	626	690	755	812	832	842
52.5	400	403	405	408	413	419	422	436	452	473	503	543	598	657	713	734	749
55.0	356	359	360	362	367	371	373	384	394	412	435	469	515	565	619	637	651
57.5	319	319	320	323	327	330	333	339	348	359	379	407	442	488	533	551	562
60.0	281	284	285	286	289	292	293	300	305	315	330	350	381	417	455	470	483
62.5	247	248	249	250	254	254	256	260	265	274	284	300	323	355	385	399	408
65.0	215	216	217	218	221	221	223	225	230	235	243	255	275	298	323	334	341
67.5	185	187	188	189	190	192	192	196	197	202	207	217	231	248	267	276	284
70.0	157	159	160	161	162	164	164	167	168	171	174	181	191	203	218	224	231
72.5	132	132	133	134	134	135	136	138	140	141	144	148	155	165	175	179	182
75.0	109	108	109	111	110	112	112	113	115	115	118	120	124	130	137	140	142
77.5	83	84	85	86	87	88	88	91	91	92	92	94	96	99	105	107	108
80.0	62	63	63	64	64	65	65	67	67	68	69	69	71	72	74	75	76
82.5	41	41	42	42	43	43	44	45	47	48	48	48	48	50	51	51	51
85.0	22	22	22	23	23	23	24	25	26	27	27	29	28	28	29	29	29
87.5	8	7	8	8	8	8	8	8	9	9	10	10	10	11	11	11	11
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE

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**CANDELA VALUES**

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	1126	1126	1126	1126	1126	1126	1126	1126
2.5	1149	1141	1129	1115	1054	1016	992	989
5.0	1176	1155	1134	1109	1004	937	896	887
7.5	1199	1169	1135	1099	954	863	815	800
10.0	1218	1178	1133	1087	905	801	749	733
12.5	1235	1182	1127	1070	858	745	695	684
15.0	1247	1184	1118	1051	812	699	656	646
17.5	1254	1182	1104	1028	767	659	622	614
20.0	1257	1177	1088	1001	726	626	593	588
22.5	1257	1167	1068	972	685	594	571	566
25.0	1252	1152	1045	941	650	569	549	547
27.5	1241	1135	1018	907	614	544	530	528
30.0	1224	1112	986	871	581	520	511	512
32.5	1201	1084	954	833	550	498	493	493
35.0	1172	1052	919	794	521	477	475	476
37.5	1134	1015	881	753	491	456	455	453
40.0	1087	971	836	712	463	434	432	431
42.5	1031	921	792	670	435	413	410	410
45.0	967	866	744	627	408	391	388	390
47.5	895	805	693	584	380	366	366	367
50.0	817	739	640	540	355	344	345	348
52.5	729	670	584	496	328	320	324	326
55.0	645	599	525	450	302	296	301	304
57.5	561	527	467	406	277	273	280	282
60.0	485	456	412	360	252	251	257	259
62.5	410	392	357	315	225	227	231	232
65.0	344	331	305	274	200	204	206	207
67.5	287	276	257	232	177	181	183	185
70.0	231	225	212	194	153	158	161	162
72.5	185	181	170	160	129	134	138	138
75.0	144	142	135	127	108	113	116	117
77.5	109	108	103	98	86	92	95	97
80.0	77	76	74	71	66	71	75	76
82.5	52	51	50	48	47	51	56	56
85.0	29	29	28	28	31	35	37	38
87.5	12	12	12	13	14	16	17	17
90.0	0	0	0	0	0	0	0	0