

**LUMINAIRE:** CWW2-940LWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acrylic prisms lens  
 Scaled from Test#16.01026  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2519  
**WATTS:** 28.70  
**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 #16303  
 DATE: 11/6/2017  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 88**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.76**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

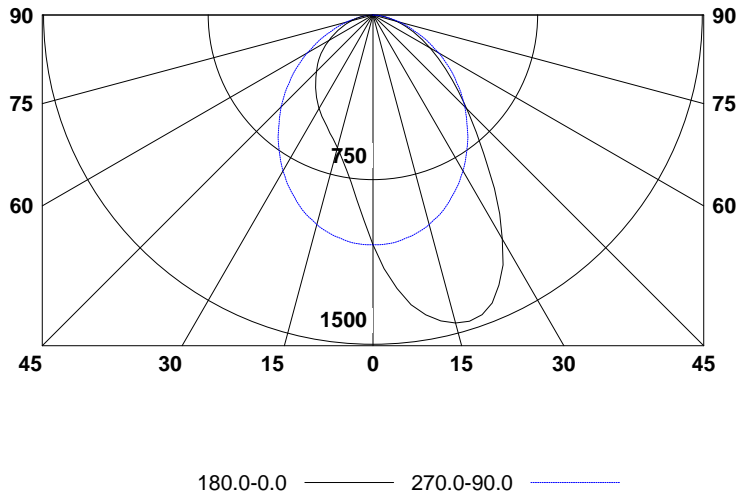
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	824	32.7	32.7
0-40	1317	52.3	52.3
0-60	2121	84.2	84.2
0-90	2519	100.0	100.0
0-180	2519	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1046	1046	1046	1046	1046
7.5	1331	1309	1217	1080	767
15.0	1452	1429	1324	1090	625
22.5	1419	1424	1366	1070	549
30.0	1177	1233	1330	1019	491
37.5	851	923	1171	936	429
45.0	603	640	892	811	364
52.5	428	450	609	644	302
60.0	298	312	395	454	233
67.5	196	204	245	278	163
75.0	113	120	134	147	103
82.5	54	55	56	54	48
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	23456	23456	23456	23456	23456	23456
30	30477	31720	34206	32083	21233	12714
40	22219	23536	28747	32611	19555	11885
45	19123	20075	24768	31270	18774	11544
50	16885	17478	20862	28642	17792	11303
55	14857	15443	17906	25022	16772	10947
60	13365	13859	15697	21528	15518	10450
65	12098	12523	13796	18306	14114	9816
70	10950	11343	12326	15539	12523	9245
75	9791	10311	11090	13083	10830	8924
80	9298	9556	10073	10719	9169	8265
85	9006	9520	9263	9263	7462	7719

**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:** CWW2-940LWG-1WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acrylic prisms lens  
Scaled from Test#16.01026

TEST #16303  
DATE: 11/6/2017

**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	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046	1046
2.5	1156	1157	1157	1156	1154	1150	1148	1144	1138	1131	1124	1117	1110	1099	1087	1082	1074
5.0	1250	1253	1250	1248	1244	1238	1236	1226	1217	1207	1193	1181	1166	1146	1126	1116	1107
7.5	1331	1330	1328	1322	1316	1314	1309	1300	1286	1272	1256	1236	1217	1191	1164	1148	1134
10.0	1386	1385	1384	1380	1373	1370	1365	1354	1339	1326	1305	1286	1260	1228	1195	1176	1158
12.5	1427	1425	1423	1418	1412	1409	1404	1393	1382	1365	1345	1322	1295	1262	1223	1200	1178
15.0	1452	1451	1448	1443	1437	1435	1429	1421	1409	1393	1374	1351	1324	1287	1244	1220	1194
17.5	1462*	1460	1457	1454	1449	1447	1444	1436	1426	1412	1394	1372	1345	1307	1260	1234	1206
20.0	1452	1452	1450	1449	1446	1445	1444	1439	1431	1421	1406	1387	1359	1322	1274	1246	1216
22.5	1419	1419	1420	1420	1423	1422	1424	1424	1423	1417	1406	1391	1366	1330	1282	1252	1220
25.0	1357	1361	1362	1368	1374	1378	1383	1390	1396	1397	1394	1384	1365	1332	1284	1253	1220
27.5	1283	1281	1283	1293	1304	1310	1320	1337	1353	1361	1367	1365	1354	1326	1280	1250	1214
30.0	1177	1180	1189	1198	1216	1225	1233	1259	1281	1305	1321	1333	1330	1310	1269	1239	1205
32.5	1074	1076	1082	1092	1109	1124	1135	1166	1199	1226	1261	1280	1290	1284	1251	1223	1189
35.0	964	967	973	983	1001	1017	1029	1063	1101	1135	1181	1212	1237	1245	1223	1198	1166
37.5	851	858	864	879	895	907	923	953	988	1035	1085	1130	1171	1187	1178	1162	1132
40.0	759	761	766	776	790	804	819	847	886	933	982	1037	1086	1121	1126	1114	1092
42.5	676	677	681	688	701	714	722	750	787	827	881	932	993	1043	1062	1055	1037
45.0	603	601	607	613	623	633	640	664	694	727	781	829	892	953	986	986	975
47.5	537	538	540	547	556	559	568	583	608	643	682	735	791	853	895	902	902
50.0	484	483	486	489	495	501	506	521	541	562	598	640	697	757	809	821	818
52.5	428	431	435	437	442	447	450	463	477	494	523	559	609	665	710	733	734
55.0	380	383	384	388	392	395	400	408	420	435	458	488	528	576	622	640	648
57.5	339	339	342	344	347	351	353	361	371	383	402	424	457	503	544	558	567
60.0	298	300	301	304	307	309	312	319	327	334	350	368	395	429	464	480	487
62.5	263	263	266	267	271	271	273	277	283	292	301	319	339	367	397	407	417
65.0	228	228	229	233	236	236	238	241	246	253	260	273	290	312	335	345	353
67.5	196	197	198	201	203	204	204	209	211	216	222	230	245	262	280	289	293
70.0	167	168	168	171	172	173	174	178	180	183	188	193	203	215	228	237	240
72.5	138	140	141	142	143	145	146	149	152	154	157	159	166	176	187	190	193
75.0	113	114	116	116	117	119	120	122	125	125	128	130	134	139	147	151	151
77.5	91	92	92	93	94	94	97	98	98	100	102	103	106	108	112	114	115
80.0	72	73	73	73	74	74	74	75	75	76	78	78	80	80	82	83	83
82.5	54	54	54	54	55	54	55	55	55	56	56	57	56	57	57	57	57
85.0	35	35	36	36	36	37	36	37	37	36	36	36	36	35	35	36	34
87.5	19	19	19	19	18	19	20	20	20	20	20	19	19	19	19	18	18
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE

**LUMINAIRE:** CWW2-940LWG-1WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acylic prised lens  
Scaled from Test#16.01026

TEST #16303  
DATE: 11/6/2017

**CANDELA VALUES**

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	1046	1046	1046	1046	1046	1046	1046	1046
2.5	1064	1057	1054	1046	992	961	941	936
5.0	1086	1070	1058	1041	950	890	855	845
7.5	1105	1080	1059	1032	906	824	780	767
10.0	1121	1087	1056	1021	863	767	721	709
12.5	1132	1090	1049	1006	818	716	675	663
15.0	1142	1090	1040	988	774	675	635	625
17.5	1147	1086	1028	966	734	638	604	596
20.0	1149	1081	1011	943	698	606	579	573
22.5	1147	1070	991	914	661	579	555	549
25.0	1141	1057	969	884	625	553	535	529
27.5	1132	1040	945	853	594	530	515	511
30.0	1119	1019	914	820	564	508	495	491
32.5	1100	995	886	784	534	485	474	471
35.0	1076	966	851	746	506	464	455	449
37.5	1046	936	816	710	479	442	433	429
40.0	1009	897	776	668	450	420	410	406
42.5	965	857	737	630	426	399	388	385
45.0	914	811	694	592	399	375	366	364
47.5	851	757	647	550	373	352	345	344
50.0	786	704	602	510	347	328	324	324
52.5	713	644	554	469	321	304	303	302
55.0	633	580	503	429	294	282	281	280
57.5	559	515	450	385	268	258	258	256
60.0	488	454	401	346	242	236	235	233
62.5	413	390	347	304	215	212	209	208
65.0	350	330	299	266	191	190	186	185
67.5	294	278	252	226	167	166	165	163
70.0	240	228	211	191	144	144	143	141
72.5	193	186	172	156	121	121	121	122
75.0	154	147	138	125	101	102	102	103
77.5	116	113	106	97	80	81	83	83
80.0	84	81	76	71	61	61	64	64
82.5	56	54	51	48	43	45	47	48
85.0	34	33	31	29	27	29	30	30
87.5	17	16	15	13	12	11	10	9
90.0	0	0	0	0	0	0	0	0