

LUMINAIRE: CWW4-935MWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acylic prisms lens
 Scaled from Test#16.01029
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2717
WATTS: 27.70
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16308
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 98

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

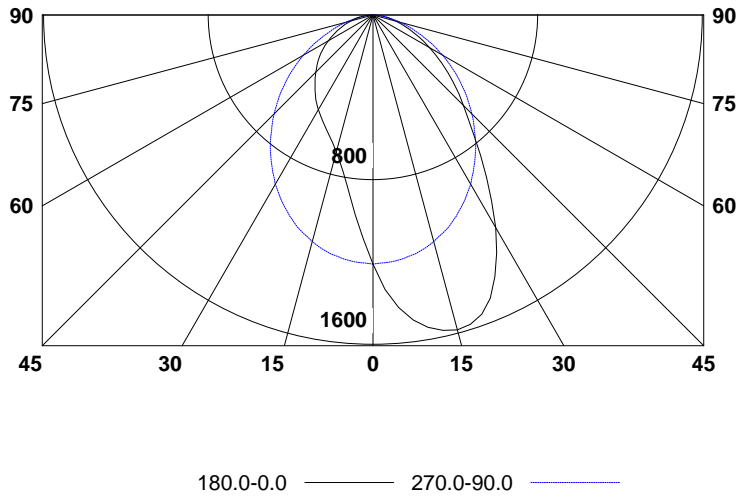
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	908	33.4	33.4
0-40	1432	52.7	52.7
0-60	2290	84.3	84.3
0-90	2717	100.0	100.0
0-180	2717	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1210	1210	1210	1210	1210
7.5	1494	1459	1380	1242	878
15.0	1583	1551	1472	1250	689
22.5	1489	1493	1492	1225	596
30.0	1192	1241	1417	1167	531
37.5	858	914	1210	1069	461
45.0	621	651	908	919	392
52.5	457	476	620	718	326
60.0	318	334	411	497	251
67.5	203	214	258	306	177
75.0	115	122	141	158	111
82.5	54	55	57	59	55
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	13290	13290	13290	13290	13290	13290
30	15118	15600	17515	17413	12036	6735
40	10940	11528	14180	17249	11069	6280
45	9646	9972	12162	16279	10547	6089
50	8698	8971	10423	14712	9979	5946
55	7813	8062	9115	12907	9326	5745
60	6986	7249	8106	11115	8567	5514
65	6211	6445	7147	9486	7693	5224
70	5492	5748	6391	8125	6744	4946
75	4880	5093	5644	6748	5814	4711
80	4554	4744	5060	5566	4934	4554
85	4537	4663	4663	4537	4033	4537

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	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210	1210
2.5	1334	1332	1331	1327	1320	1315	1311	1307	1308	1299	1292	1286	1276	1266	1254	1248	1242
5.0	1426	1423	1421	1416	1406	1401	1395	1387	1388	1372	1360	1349	1333	1315	1296	1284	1274
7.5	1494	1492	1489	1482	1471	1466	1459	1450	1449	1431	1417	1401	1380	1358	1331	1317	1303
10.0	1540	1538	1535	1525	1517	1510	1504	1495	1495	1478	1461	1442	1419	1394	1362	1344	1325
12.5	1569	1567	1563	1555	1545	1539	1535	1525	1526	1511	1493	1472	1451	1421	1386	1365	1345
15.0	1583*	1582	1576	1570	1561	1556	1551	1544	1546	1532	1515	1496	1472	1443	1404	1381	1359
17.5	1575	1574	1571	1566	1559	1556	1552	1548	1552	1543	1528	1509	1487	1457	1417	1394	1368
20.0	1546	1545	1541	1540	1538	1535	1534	1535	1544	1541	1529	1514	1494	1465	1425	1401	1374
22.5	1489	1485	1485	1488	1491	1492	1493	1500	1516	1523	1517	1508	1492	1467	1428	1403	1375
25.0	1401	1402	1404	1411	1417	1423	1428	1445	1467	1487	1491	1490	1479	1460	1424	1400	1371
27.5	1301	1301	1305	1316	1326	1336	1344	1369	1400	1429	1447	1456	1456	1444	1414	1391	1362
30.0	1192	1193	1193	1206	1223	1230	1241	1272	1309	1351	1381	1405	1417	1417	1395	1373	1347
32.5	1071	1077	1082	1090	1110	1118	1133	1164	1209	1258	1300	1334	1364	1376	1365	1347	1323
35.0	960	966	972	980	1001	1009	1025	1056	1097	1155	1206	1252	1296	1322	1324	1312	1292
37.5	858	859	865	877	891	904	914	949	988	1041	1103	1156	1210	1251	1268	1266	1251
40.0	763	767	772	778	793	804	814	840	881	932	989	1047	1113	1169	1204	1203	1194
42.5	686	690	693	698	711	719	726	747	783	829	883	940	1013	1074	1124	1131	1130
45.0	621	624	627	629	639	642	651	668	695	734	783	839	908	977	1031	1048	1053
47.5	566	564	565	570	577	579	583	595	617	646	688	742	805	875	936	959	966
50.0	509	513	514	516	521	525	528	536	553	578	610	652	711	778	837	861	876
52.5	457	460	463	464	469	471	476	482	495	513	539	574	620	683	742	766	782
55.0	408	408	410	414	418	421	426	431	439	456	476	503	542	593	646	674	690
57.5	360	362	365	366	372	375	377	383	391	401	418	442	474	516	564	585	600
60.0	318	318	320	324	329	330	334	339	344	355	369	388	411	446	484	506	521
62.5	278	278	280	282	286	287	289	294	300	307	319	335	356	384	417	431	442
65.0	239	238	240	243	247	248	250	254	260	266	275	287	303	328	353	365	374
67.5	203	203	204	207	210	212	214	217	222	228	237	246	258	276	296	306	313
70.0	171	171	172	175	177	179	181	186	189	193	199	204	214	227	244	253	258
72.5	141	142	143	144	147	148	150	153	157	160	163	167	176	185	196	201	204
75.0	115	116	117	118	119	120	122	126	128	130	133	137	141	146	154	159	161
77.5	93	94	94	95	95	97	97	99	101	103	105	107	109	113	117	122	124
80.0	72	72	74	74	75	75	75	77	77	78	80	81	82	84	86	88	89
82.5	54	54	54	54	54	55	55	55	56	56	56	57	57	58	59	59	59
85.0	36	36	36	36	36	37	37	37	37	37	37	37	36	36	36	36	36
87.5	16	16	16	17	17	17	18	17	17	18	18	18	17	17	17	17	16
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	1210	1210	1210	1210	1210	1210	1210	1210
2.5	1228	1217	1212	1205	1150	1114	1084	1087
5.0	1252	1231	1216	1200	1101	1030	981	977
7.5	1271	1242	1216	1190	1048	949	886	878
10.0	1287	1249	1214	1178	997	877	811	796
12.5	1299	1251	1207	1161	940	813	748	735
15.0	1307	1250	1197	1139	888	755	696	689
17.5	1310	1245	1182	1115	837	707	658	652
20.0	1310	1237	1165	1089	789	668	628	622
22.5	1306	1225	1144	1057	742	632	599	596
25.0	1298	1210	1117	1023	700	602	575	573
27.5	1285	1190	1088	986	661	575	552	551
30.0	1268	1167	1057	949	623	551	532	531
32.5	1246	1137	1021	905	588	525	509	509
35.0	1216	1106	983	863	554	502	489	488
37.5	1180	1069	940	819	525	479	466	461
40.0	1133	1025	896	772	492	454	440	438
42.5	1081	976	849	726	464	431	417	416
45.0	1015	919	797	679	434	405	392	392
47.5	943	860	743	630	406	380	370	370
50.0	865	790	689	584	378	354	347	348
52.5	780	718	629	536	349	328	324	326
55.0	693	644	565	487	321	303	301	300
57.5	605	571	508	437	292	278	278	278
60.0	527	497	445	390	265	254	254	251
62.5	449	430	388	344	236	230	228	226
65.0	381	366	332	296	209	205	203	201
67.5	317	306	281	253	184	182	179	177
70.0	259	252	232	210	158	157	155	154
72.5	207	200	190	171	133	133	132	134
75.0	164	158	149	137	110	111	111	111
77.5	125	120	114	106	89	90	91	92
80.0	89	87	83	78	67	69	72	72
82.5	60	59	56	51	47	50	53	55
85.0	36	34	33	32	31	34	37	36
87.5	16	15	14	14	14	16	16	16
90.0	0	0	0	0	0	0	0	0