

LUMINAIRE: CWW4-935MLG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.01302
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4703
WATTS: 52.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16312
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 89

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.70
BASED ON 3000 HRS. AND \$.08 PER KWH

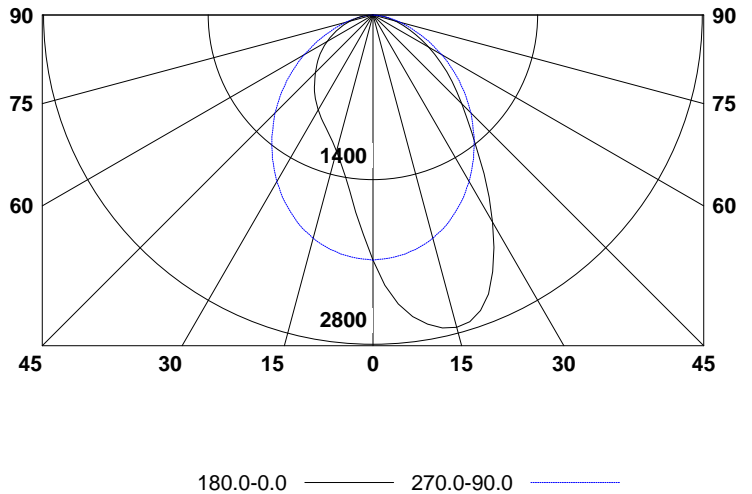
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1569	33.4	33.4
0-40	2474	52.6	52.6
0-60	3957	84.1	84.1
0-90	4703	100.0	100.0
0-180	4703	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	2083	2083	2083	2083	2083
7.5	2586	2519	2380	2136	1509
15.0	2748	2686	2543	2153	1197
22.5	2567	2577	2578	2112	1041
30.0	2032	2127	2444	2013	929
37.5	1456	1558	2076	1842	817
45.0	1068	1107	1544	1587	692
52.5	790	811	1058	1237	576
60.0	546	568	704	858	450
67.5	345	368	442	523	322
75.0	199	206	242	276	203
82.5	91	93	97	101	102
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	22879	22879	22879	22879	22879	22879
30	25771	26685	30172	30071	20736	11782
40	18740	19600	24260	29608	19127	11083
45	16589	17102	20814	27882	18283	10749
50	14986	15327	17805	25136	17258	10509
55	13462	13845	15568	22003	16085	10245
60	11994	12433	13795	18980	14828	9885
65	10552	11020	12241	16165	13333	9486
70	9313	9731	10919	13873	11722	9056
75	8445	8742	9591	11628	10100	8615
80	7780	7907	8539	9488	8476	8602
85	7184	7688	7688	7688	6932	9074

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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TEST #16312
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	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083	2083
2.5	2299	2299	2297	2288	2275	2265	2260	2251	2255	2241	2227	2211	2198	2180	2159	2147	2137
5.0	2466	2458	2451	2439	2424	2417	2402	2392	2394	2370	2347	2324	2295	2266	2230	2210	2192
7.5	2586	2585	2574	2559	2540	2531	2519	2505	2506	2476	2447	2416	2380	2340	2293	2268	2243
10.0	2668	2666	2657	2642	2624	2610	2602	2586	2585	2556	2525	2487	2448	2401	2346	2314	2284
12.5	2725	2718	2709	2695	2676	2668	2655	2642	2643	2617	2583	2543	2502	2452	2389	2353	2317
15.0	2748*	2743	2733	2721	2704	2694	2686	2675	2676	2656	2623	2585	2543	2489	2422	2383	2343
17.5	2734	2728	2720	2712	2697	2693	2686	2682	2688	2676	2645	2611	2570	2517	2448	2404	2361
20.0	2673	2666	2665	2665	2657	2654	2652	2658	2671	2672	2648	2620	2582	2532	2462	2418	2371
22.5	2567	2561	2558	2566	2568	2573	2577	2592	2620	2638	2627	2609	2578	2535	2467	2423	2374
25.0	2407	2416	2417	2426	2438	2443	2461	2488	2532	2566	2577	2576	2558	2522	2461	2417	2367
27.5	2227	2238	2243	2256	2277	2285	2311	2350	2403	2461	2496	2516	2516	2493	2441	2401	2351
30.0	2032	2028	2042	2070	2095	2104	2127	2184	2249	2323	2379	2417	2444	2444	2408	2371	2324
32.5	1837	1834	1841	1860	1896	1915	1932	1992	2073	2152	2232	2297	2346	2371	2351	2323	2281
35.0	1646	1642	1650	1668	1705	1725	1740	1802	1885	1968	2071	2148	2222	2274	2277	2259	2223
37.5	1456	1467	1473	1491	1518	1529	1558	1610	1682	1772	1882	1981	2076	2147	2184	2180	2150
40.0	1307	1305	1310	1324	1351	1367	1387	1431	1504	1592	1692	1791	1901	2007	2067	2065	2056
42.5	1178	1175	1178	1188	1211	1223	1237	1273	1334	1415	1509	1611	1721	1843	1929	1942	1946
45.0	1068	1066	1067	1074	1091	1101	1107	1138	1187	1248	1340	1435	1544	1674	1765	1795	1806
47.5	967	964	969	977	982	989	998	1021	1054	1108	1175	1263	1372	1492	1602	1640	1659
50.0	877	876	877	880	891	897	903	917	945	982	1042	1113	1207	1329	1428	1471	1508
52.5	790	788	789	793	804	809	811	825	847	875	923	982	1058	1172	1266	1307	1339
55.0	703	701	703	709	715	723	725	739	752	777	813	862	926	1015	1105	1149	1173
57.5	622	620	622	626	636	641	646	655	671	691	719	756	808	885	970	999	1033
60.0	546	546	547	551	562	566	568	579	590	606	628	663	704	765	827	864	883
62.5	472	474	478	482	488	490	497	505	515	528	548	573	611	655	711	734	757
65.0	406	408	410	418	423	424	428	438	446	457	471	490	520	558	603	622	639
67.5	345	349	351	355	359	361	368	375	381	391	404	422	442	470	505	524	533
70.0	290	293	294	298	302	303	309	315	325	330	340	353	369	389	417	432	438
72.5	242	242	242	245	250	253	256	260	269	274	281	289	299	320	339	345	356
75.0	199	198	198	200	202	206	206	212	215	222	226	234	242	253	264	274	276
77.5	157	159	160	160	162	161	165	167	169	174	179	183	188	192	201	207	208
80.0	123	124	124	124	125	125	127	128	129	132	135	137	139	141	146	150	150
82.5	91	90	91	91	92	92	93	93	94	96	96	95	97	99	101	101	103
85.0	57	59	59	59	59	61	60	61	61	60	61	62	61	61	60	61	60
87.5	25	27	26	26	28	28	27	28	28	29	29	30	30	30	29	29	28
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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3" x 48" led with frosted acylic prised lens
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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	2083	2083	2083	2083	2083	2083	2083	2083
2.5	2113	2094	2085	2076	1979	1915	1869	1867
5.0	2155	2118	2092	2065	1891	1773	1693	1683
7.5	2190	2136	2094	2050	1802	1638	1535	1509
10.0	2217	2149	2089	2027	1715	1510	1404	1380
12.5	2237	2154	2079	1999	1626	1402	1297	1278
15.0	2250	2153	2060	1964	1534	1311	1213	1197
17.5	2258	2146	2036	1924	1448	1228	1148	1135
20.0	2258	2132	2006	1875	1364	1163	1095	1084
22.5	2252	2112	1967	1821	1287	1105	1048	1041
25.0	2239	2085	1925	1762	1216	1050	1006	1004
27.5	2219	2052	1877	1700	1150	1004	968	968
30.0	2188	2013	1821	1635	1082	962	932	929
32.5	2147	1964	1761	1562	1024	920	895	894
35.0	2097	1910	1697	1492	968	878	859	857
37.5	2033	1842	1622	1411	917	839	819	817
40.0	1952	1769	1546	1334	860	799	777	773
42.5	1858	1684	1462	1254	813	759	735	731
45.0	1746	1587	1377	1177	761	717	694	692
47.5	1618	1476	1283	1090	712	671	654	652
50.0	1479	1359	1184	1010	662	627	614	615
52.5	1335	1237	1084	928	613	581	575	576
55.0	1185	1111	975	840	564	535	535	535
57.5	1042	980	873	758	514	494	494	493
60.0	901	858	767	675	467	449	452	450
62.5	773	734	668	591	416	408	407	407
65.0	649	626	574	513	370	367	365	365
67.5	545	523	485	436	328	324	321	322
70.0	447	435	402	365	283	282	279	282
72.5	356	348	327	298	237	242	239	241
75.0	282	276	259	238	196	198	201	203
77.5	213	207	198	183	158	161	165	169
80.0	153	149	144	134	120	126	132	136
82.5	103	101	97	91	86	94	100	102
85.0	61	60	57	55	56	62	70	72
87.5	28	27	26	27	28	33	38	38
90.0	0	0	0	0	0	0	0	0