

LUMINAIRE: CWW4-930MLG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4606
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 #16.01302
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 87

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

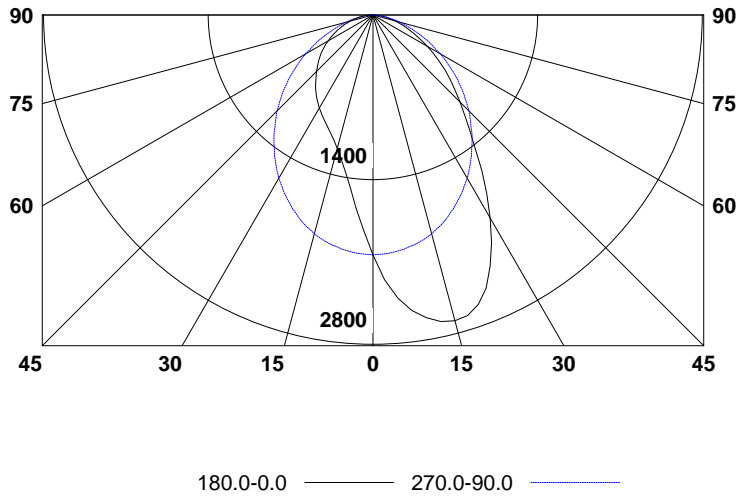
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1537	33.4	33.4
0-40	2423	52.6	52.6
0-60	3876	84.1	84.1
0-90	4606	100.0	100.0
0-180	4606	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	2040	2040	2040	2040	2040
7.5	2533	2467	2331	2092	1478
15.0	2691	2631	2491	2109	1172
22.5	2514	2524	2525	2069	1020
30.0	1990	2083	2394	1972	910
37.5	1426	1526	2033	1804	800
45.0	1046	1084	1512	1554	678
52.5	774	794	1036	1212	564
60.0	535	556	690	840	441
67.5	338	360	433	512	315
75.0	195	202	237	270	199
82.5	89	91	95	99	100
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	22407	22407	22407	22407	22407	22407
30	25239	26139	29551	29449	20305	11541
40	18353	19199	23758	29006	18740	10854
45	16248	16745	20380	27307	17910	10531
50	14678	15020	17446	24623	16900	10287
55	13194	13558	15243	21543	15760	10034
60	11752	12170	13510	18584	14520	9688
65	10344	10786	11981	15828	13047	9278
70	9120	9538	10694	13584	11465	8863
75	8275	8572	9379	11373	9888	8445
80	7590	7717	8349	9298	8286	8413
85	7058	7562	7562	7562	6805	8948

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: CWW4-930MLG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens

TEST #16.01302
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	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
2.5	2252	2252	2250	2241	2228	2218	2214	2205	2209	2195	2181	2166	2153	2135	2115	2103	2093
5.0	2415	2407	2401	2389	2374	2367	2353	2343	2345	2321	2299	2276	2248	2219	2184	2165	2147
7.5	2533	2532	2521	2506	2488	2479	2467	2453	2454	2425	2397	2366	2331	2292	2246	2221	2197
10.0	2613	2611	2602	2588	2570	2556	2548	2533	2532	2503	2473	2436	2398	2352	2298	2266	2237
12.5	2669	2662	2653	2640	2621	2613	2600	2588	2589	2563	2530	2491	2451	2402	2340	2305	2269
15.0	2691*	2687	2677	2665	2648	2639	2631	2620	2621	2601	2569	2532	2491	2438	2372	2334	2295
17.5	2678	2672	2664	2656	2642	2638	2631	2627	2633	2621	2591	2557	2517	2465	2398	2355	2312
20.0	2618	2611	2610	2610	2602	2599	2597	2603	2616	2617	2594	2566	2529	2480	2411	2368	2322
22.5	2514	2508	2505	2513	2515	2520	2524	2539	2566	2584	2573	2555	2525	2483	2416	2373	2325
25.0	2357	2366	2367	2376	2388	2393	2410	2437	2480	2513	2524	2523	2505	2470	2410	2367	2318
27.5	2181	2192	2197	2210	2230	2238	2263	2302	2354	2410	2445	2464	2464	2442	2391	2352	2303
30.0	1990	1986	2000	2027	2052	2061	2083	2139	2203	2275	2330	2367	2394	2394	2358	2322	2276
32.5	1799	1796	1803	1822	1857	1876	1892	1951	2030	2108	2186	2250	2298	2322	2303	2275	2234
35.0	1612	1608	1616	1634	1670	1690	1704	1765	1846	1928	2028	2104	2176	2227	2230	2213	2177
37.5	1426	1437	1443	1460	1487	1498	1526	1577	1647	1736	1843	1940	2033	2103	2139	2135	2106
40.0	1280	1278	1283	1297	1323	1339	1358	1402	1473	1559	1657	1754	1862	1966	2024	2023	2014
42.5	1154	1151	1154	1164	1186	1198	1212	1247	1307	1386	1478	1578	1686	1805	1889	1902	1906
45.0	1046	1044	1045	1052	1069	1078	1084	1115	1163	1222	1312	1405	1512	1640	1729	1758	1769
47.5	947	944	949	957	962	969	977	1000	1032	1085	1151	1237	1344	1461	1569	1606	1625
50.0	859	858	859	862	873	879	884	898	926	962	1021	1090	1182	1302	1399	1441	1477
52.5	774	772	773	777	787	792	794	808	830	857	904	962	1036	1148	1240	1280	1311
55.0	689	687	689	694	700	708	710	724	737	761	796	844	907	994	1082	1125	1149
57.5	609	607	609	613	623	628	633	642	657	677	704	740	791	867	950	978	1012
60.0	535	535	536	540	550	554	556	567	578	594	615	649	690	749	810	846	865
62.5	462	464	468	472	478	480	487	495	504	517	537	561	598	642	696	719	741
65.0	398	400	402	409	414	415	419	429	437	448	461	480	509	547	591	609	626
67.5	338	342	344	348	352	354	360	367	373	383	396	413	433	460	495	513	522
70.0	284	287	288	292	296	297	303	309	318	323	333	346	361	381	408	423	429
72.5	237	237	237	240	245	248	251	255	263	268	275	283	293	313	332	338	349
75.0	195	194	194	196	198	202	202	208	211	217	221	229	237	248	259	268	270
77.5	154	156	157	157	159	158	162	164	166	170	175	179	184	188	197	203	204
80.0	120	121	121	121	122	122	124	125	126	129	132	134	136	138	143	147	147
82.5	89	88	89	89	90	90	91	91	92	94	94	93	95	97	99	99	101
85.0	56	58	58	58	58	60	59	60	60	59	60	61	60	60	59	60	59
87.5	24	26	25	25	27	27	26	27	27	28	28	29	29	29	28	28	27
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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CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acrylic prisms lens

TEST #16.01302
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	2040	2040	2040	2040	2040	2040	2040	2040
2.5	2070	2051	2042	2033	1938	1876	1831	1829
5.0	2111	2074	2049	2023	1852	1737	1658	1648
7.5	2145	2092	2051	2008	1765	1604	1503	1478
10.0	2171	2105	2046	1985	1680	1479	1375	1352
12.5	2191	2110	2036	1958	1593	1373	1270	1252
15.0	2204	2109	2018	1924	1502	1284	1188	1172
17.5	2212	2102	1994	1884	1418	1203	1124	1112
20.0	2212	2088	1965	1836	1336	1139	1072	1062
22.5	2206	2069	1927	1784	1261	1082	1026	1020
25.0	2193	2042	1885	1726	1191	1028	985	983
27.5	2173	2010	1838	1665	1126	983	948	948
30.0	2143	1972	1784	1601	1060	942	913	910
32.5	2103	1924	1725	1530	1003	901	877	876
35.0	2054	1871	1662	1461	948	860	841	839
37.5	1991	1804	1589	1382	898	822	802	800
40.0	1912	1733	1514	1307	842	783	761	757
42.5	1820	1649	1432	1228	796	743	720	716
45.0	1710	1554	1349	1153	745	702	680	678
47.5	1585	1446	1257	1068	697	657	641	639
50.0	1449	1331	1160	989	648	614	601	602
52.5	1308	1212	1062	909	600	569	563	564
55.0	1161	1088	955	823	552	524	524	524
57.5	1021	960	855	742	503	484	484	483
60.0	882	840	751	661	457	440	443	441
62.5	757	719	654	579	407	400	399	399
65.0	636	613	562	502	362	359	357	357
67.5	534	512	475	427	321	317	314	315
70.0	438	426	394	357	277	276	273	276
72.5	349	341	320	292	232	237	234	236
75.0	276	270	254	233	192	194	197	199
77.5	209	203	194	179	155	158	162	166
80.0	150	146	141	131	118	123	129	133
82.5	101	99	95	89	84	92	98	100
85.0	60	59	56	54	55	61	69	71
87.5	27	26	25	26	27	32	37	37
90.0	0	0	0	0	0	0	0	0