

LUMINAIRE: CWW4-930LWG-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: 4290
WATTS: 48.30
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 #16.01300
 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

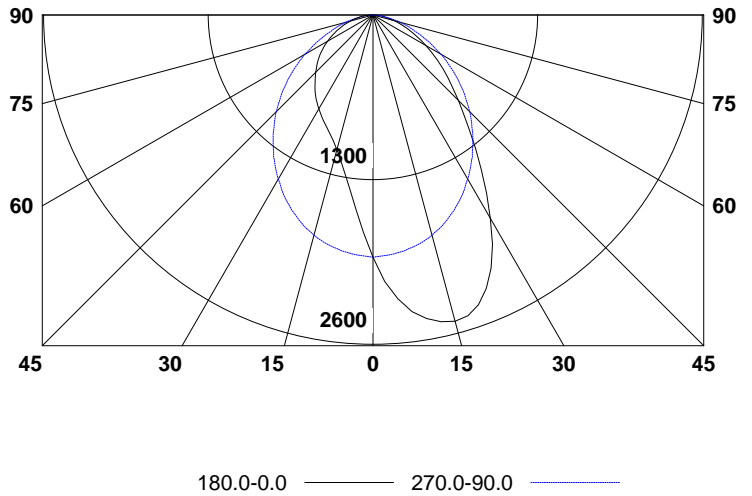
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1437	33.5	33.5
0-40	2264	52.8	52.8
0-60	3616	84.3	84.3
0-90	4290	100.0	100.0
0-180	4290	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1912	1912	1912	1912	1912
7.5	2361	2306	2185	1962	1389
15.0	2502	2454	2330	1975	1100
22.5	2336	2357	2359	1937	956
30.0	1850	1949	2233	1844	854
37.5	1332	1416	1896	1685	751
45.0	953	1003	1406	1456	639
52.5	695	722	960	1137	533
60.0	481	502	633	789	416
67.5	307	325	396	477	296
75.0	174	182	214	248	187
82.5	77	81	86	91	92
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	21001	21001	21001	21001	21001	21001
30	23463	24541	27496	27534	18973	10831
40	16948	17779	22081	27113	17564	10209
45	14803	15378	18888	25505	16776	9926
50	13243	13619	16113	23000	15857	9706
55	11853	12236	14036	20088	14783	9479
60	10566	10962	12368	17266	13642	9138
65	9408	9772	10942	14814	12163	8629
70	8318	8735	9763	12524	10758	8318
75	7384	7724	8572	10440	9209	7936
80	6831	7021	7464	8476	7654	7843
85	6175	6427	6805	6805	6301	8066

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

TEST #16.01300
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	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912	1912
2.5	2104	2107	2107	2095	2087	2080	2073	2064	2067	2054	2041	2033	2019	2002	1982	1972	1963
5.0	2248	2248	2247	2237	2221	2212	2205	2194	2191	2169	2148	2130	2106	2078	2047	2029	2014
7.5	2361	2359	2355	2343	2328	2315	2306	2293	2290	2264	2240	2213	2185	2147	2105	2082	2059
10.0	2433	2432	2429	2414	2400	2390	2381	2363	2363	2336	2307	2281	2246	2202	2151	2123	2095
12.5	2480	2478	2475	2463	2446	2436	2428	2414	2415	2388	2360	2329	2293	2246	2189	2157	2125
15.0	2502*	2498	2494	2483	2470	2461	2454	2441	2445	2423	2396	2366	2330	2282	2220	2185	2147
17.5	2489	2486	2483	2475	2465	2458	2453	2447	2455	2440	2416	2388	2353	2305	2242	2204	2163
20.0	2433	2432	2433	2429	2425	2426	2423	2422	2438	2435	2417	2394	2363	2318	2255	2215	2172
22.5	2336	2338	2341	2343	2345	2347	2357	2365	2393	2403	2396	2383	2359	2321	2259	2218	2174
25.0	2205	2203	2203	2218	2232	2241	2247	2277	2309	2342	2352	2351	2339	2310	2254	2214	2169
27.5	2042	2041	2043	2056	2085	2098	2109	2141	2196	2249	2275	2295	2298	2283	2236	2199	2153
30.0	1850	1856	1868	1884	1919	1935	1949	1990	2055	2126	2168	2214	2233	2238	2204	2171	2127
32.5	1668	1675	1687	1705	1727	1744	1768	1821	1893	1970	2039	2100	2143	2167	2154	2127	2089
35.0	1491	1497	1510	1527	1550	1566	1590	1645	1718	1802	1887	1958	2030	2078	2086	2068	2038
37.5	1332	1331	1335	1351	1385	1401	1416	1468	1530	1620	1722	1806	1896	1968	2002	1996	1970
40.0	1182	1187	1196	1209	1227	1240	1265	1304	1367	1445	1540	1636	1741	1829	1885	1891	1881
42.5	1058	1063	1070	1081	1094	1105	1127	1159	1213	1282	1371	1468	1577	1677	1758	1777	1779
45.0	953	957	963	971	981	990	1003	1033	1077	1135	1216	1306	1406	1523	1615	1642	1657
47.5	857	860	863	870	877	884	898	917	952	1004	1066	1154	1247	1360	1461	1494	1516
50.0	775	778	781	786	792	797	805	823	850	887	943	1014	1102	1204	1306	1346	1379
52.5	695	698	702	707	711	716	722	737	760	785	831	892	960	1058	1155	1194	1229
55.0	619	618	622	630	635	639	642	657	670	695	733	776	839	923	1012	1049	1076
57.5	546	548	552	557	562	566	572	583	596	613	641	681	733	799	877	909	940
60.0	481	480	487	491	495	499	502	515	528	541	563	592	633	692	759	786	808
62.5	420	420	421	425	434	437	440	447	457	471	488	514	548	595	646	673	687
65.0	362	360	363	367	373	376	381	387	396	408	421	442	466	504	547	570	581
67.5	307	307	308	311	319	323	325	330	338	348	359	374	396	426	460	475	487
70.0	259	259	259	263	269	272	273	278	285	293	304	313	330	353	379	390	399
72.5	212	213	215	218	220	222	223	232	239	243	249	258	271	284	304	312	321
75.0	174	174	176	179	180	182	182	189	192	197	202	206	214	226	241	246	252
77.5	140	140	140	140	144	145	145	146	150	154	157	161	167	174	183	187	190
80.0	108	108	107	108	110	111	111	112	114	116	118	120	124	127	133	134	136
82.5	77	78	79	79	79	79	81	81	83	83	83	85	86	86	89	89	91
85.0	49	49	50	50	51	51	51	52	51	53	54	53	53	54	55	54	54
87.5	19	19	21	21	20	21	20	22	23	24	24	24	25	25	25	24	24
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 #16.01300
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	1912	1912	1912	1912	1912	1912	1912	1912
2.5	1941	1922	1915	1902	1815	1761	1717	1720
5.0	1978	1945	1921	1892	1737	1628	1554	1541
7.5	2010	1962	1923	1878	1656	1504	1410	1389
10.0	2034	1972	1918	1857	1574	1387	1290	1271
12.5	2052	1977	1907	1831	1492	1287	1190	1176
15.0	2065	1975	1891	1799	1407	1204	1113	1100
17.5	2071	1969	1869	1762	1328	1128	1052	1043
20.0	2070	1956	1840	1718	1254	1067	1002	996
22.5	2064	1937	1806	1670	1183	1013	960	956
25.0	2051	1911	1767	1615	1116	964	922	922
27.5	2032	1881	1722	1558	1054	921	887	888
30.0	2005	1844	1671	1496	994	882	855	854
32.5	1966	1801	1616	1432	938	845	821	822
35.0	1919	1750	1557	1367	886	808	788	788
37.5	1860	1685	1488	1294	840	770	753	751
40.0	1787	1619	1419	1225	789	734	715	712
42.5	1700	1540	1341	1151	744	697	677	675
45.0	1598	1456	1264	1080	695	658	640	639
47.5	1481	1352	1174	1001	651	617	602	603
50.0	1354	1249	1087	928	605	577	567	568
52.5	1222	1137	994	852	560	536	531	533
55.0	1085	1016	895	772	515	492	495	495
57.5	948	901	801	696	469	455	456	455
60.0	823	789	707	621	426	414	417	416
62.5	705	671	613	541	382	377	376	373
65.0	596	572	523	468	339	337	336	332
67.5	496	477	444	401	298	298	295	296
70.0	407	392	368	335	257	259	257	259
72.5	325	320	300	275	216	221	219	220
75.0	256	248	237	217	179	182	184	187
77.5	194	188	181	166	143	147	152	155
80.0	139	135	131	121	110	114	120	124
82.5	92	91	88	83	78	85	91	92
85.0	54	52	52	50	51	56	62	64
87.5	24	23	24	24	25	28	31	31
90.0	0	0	0	0	0	0	0	0