

LUMINAIRE: CWW4-935LWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.01300
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4381
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 #16310
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 91

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.64
BASED ON 3000 HRS. AND \$.08 PER KWH

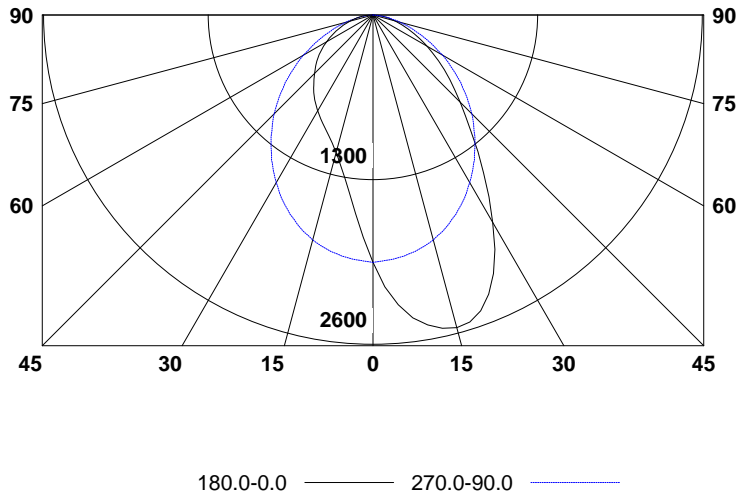
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1467	33.5	33.5
0-40	2312	52.8	52.8
0-60	3692	84.3	84.3
0-90	4381	100.0	100.0
0-180	4381	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1952	1952	1952	1952	1952
7.5	2411	2354	2231	2003	1418
15.0	2555	2506	2379	2016	1123
22.5	2385	2407	2409	1978	976
30.0	1889	1990	2280	1883	872
37.5	1360	1446	1936	1720	767
45.0	973	1024	1436	1487	652
52.5	710	737	980	1161	544
60.0	491	513	646	806	425
67.5	313	332	404	487	302
75.0	178	186	218	253	191
82.5	79	83	88	93	94
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	21440	21440	21440	21440	21440	21440
30	23958	25061	28080	28118	19367	11059
40	17306	18152	22539	27687	17937	10424
45	15114	15704	19292	26034	17133	10128
50	13516	13909	16455	23478	16182	9911
55	12102	12485	14324	20509	15090	9670
60	10786	11181	12631	17640	13927	9336
65	9616	9980	11175	15126	12423	8810
70	8478	8928	9955	12781	10983	8478
75	7554	7893	8742	10652	9421	8106
80	6958	7148	7590	8666	7843	8033
85	6301	6553	6932	6932	6427	8192

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: CWW4-935LWG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens
Scaled from Test#16.01300

TEST #16310
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	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
2.5	2148	2151	2151	2139	2131	2124	2117	2107	2110	2097	2084	2076	2061	2044	2024	2013	2004
5.0	2295	2295	2294	2284	2268	2258	2251	2240	2237	2215	2193	2175	2150	2122	2090	2072	2056
7.5	2411	2409	2404	2392	2377	2364	2354	2341	2338	2312	2287	2259	2231	2192	2149	2126	2102
10.0	2484	2483	2480	2465	2450	2440	2431	2413	2413	2385	2355	2329	2293	2248	2196	2168	2139
12.5	2532	2530	2527	2515	2497	2487	2479	2465	2466	2438	2410	2378	2341	2293	2235	2202	2170
15.0	2555*	2550	2546	2535	2522	2513	2506	2492	2496	2474	2446	2416	2379	2330	2267	2231	2192
17.5	2541	2538	2535	2527	2517	2510	2505	2498	2507	2491	2467	2438	2402	2353	2289	2250	2208
20.0	2484	2483	2484	2480	2476	2477	2474	2473	2489	2486	2468	2444	2413	2367	2302	2262	2218
22.5	2385	2387	2390	2392	2394	2396	2407	2415	2443	2453	2446	2433	2409	2370	2306	2265	2220
25.0	2251	2249	2249	2265	2279	2288	2294	2325	2357	2391	2401	2400	2388	2359	2301	2260	2215
27.5	2085	2084	2086	2099	2129	2142	2153	2186	2242	2296	2323	2343	2346	2331	2283	2245	2198
30.0	1889	1895	1907	1924	1959	1976	1990	2032	2098	2171	2214	2260	2280	2285	2250	2217	2172
32.5	1703	1710	1722	1741	1763	1781	1805	1859	1933	2011	2082	2144	2188	2213	2199	2172	2133
35.0	1522	1528	1542	1559	1583	1599	1623	1680	1754	1840	1927	1999	2073	2122	2130	2111	2081
37.5	1360	1359	1363	1379	1414	1430	1446	1499	1562	1654	1758	1844	1936	2009	2044	2038	2011
40.0	1207	1212	1221	1234	1253	1266	1292	1331	1396	1475	1572	1670	1778	1867	1925	1931	1921
42.5	1080	1085	1092	1104	1117	1128	1151	1183	1238	1309	1400	1499	1610	1712	1795	1814	1816
45.0	973	977	983	991	1002	1011	1024	1055	1100	1159	1242	1333	1436	1555	1649	1676	1692
47.5	875	878	881	888	895	903	917	936	972	1025	1088	1178	1273	1389	1492	1525	1548
50.0	791	794	797	803	809	814	822	840	868	906	963	1035	1125	1229	1333	1374	1408
52.5	710	713	717	722	726	731	737	752	776	801	848	911	980	1080	1179	1219	1255
55.0	632	631	635	643	648	652	655	671	684	710	748	792	857	942	1033	1071	1099
57.5	557	560	564	569	574	578	584	595	609	626	654	695	748	816	895	928	960
60.0	491	490	497	501	505	509	513	526	539	552	575	604	646	707	775	803	825
62.5	429	429	430	434	443	446	449	456	467	481	498	525	560	607	660	687	701
65.0	370	368	371	375	381	384	389	395	404	417	430	451	476	515	558	582	593
67.5	313	313	314	318	326	330	332	337	345	355	367	382	404	435	470	485	497
70.0	264	264	264	269	275	278	279	284	291	299	310	320	337	360	387	398	407
72.5	216	217	220	223	225	227	228	237	244	248	254	263	277	290	310	319	328
75.0	178	178	180	183	184	186	186	193	196	201	206	210	218	231	246	251	257
77.5	143	143	143	143	147	148	148	149	153	157	160	164	171	178	187	191	194
80.0	110	110	109	110	112	113	113	114	116	118	120	123	127	130	136	137	139
82.5	79	80	81	81	81	81	83	83	85	85	85	87	88	88	91	91	93
85.0	50	50	51	51	52	52	52	53	52	54	55	54	54	55	56	55	55
87.5	19	19	21	21	20	21	20	22	23	25	25	25	26	26	26	25	25
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
Scaled from Test#16.01300

TEST #16310
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	1952	1952	1952	1952	1952	1952	1952	1952
2.5	1982	1962	1955	1942	1853	1798	1753	1756
5.0	2020	1986	1961	1932	1773	1662	1587	1573
7.5	2052	2003	1963	1917	1691	1536	1440	1418
10.0	2077	2013	1958	1896	1607	1416	1317	1298
12.5	2095	2019	1947	1869	1523	1314	1215	1201
15.0	2108	2016	1931	1837	1437	1229	1136	1123
17.5	2114	2010	1908	1799	1356	1152	1074	1065
20.0	2113	1997	1879	1754	1280	1089	1023	1017
22.5	2107	1978	1844	1705	1208	1034	980	976
25.0	2094	1951	1804	1649	1139	984	941	941
27.5	2075	1921	1758	1591	1076	940	906	907
30.0	2047	1883	1706	1527	1015	901	873	872
32.5	2007	1839	1650	1462	958	863	838	839
35.0	1959	1787	1590	1396	905	825	805	805
37.5	1899	1720	1519	1321	858	786	769	767
40.0	1825	1653	1449	1251	806	749	730	727
42.5	1736	1572	1369	1175	760	712	691	689
45.0	1632	1487	1291	1103	710	672	653	652
47.5	1512	1380	1199	1022	665	630	615	616
50.0	1382	1275	1110	947	618	589	579	580
52.5	1248	1161	1015	870	572	547	542	544
55.0	1108	1037	914	788	526	502	505	505
57.5	968	920	818	711	479	465	466	465
60.0	840	806	722	634	435	423	426	425
62.5	720	685	626	552	390	385	384	381
65.0	609	584	534	478	346	344	343	339
67.5	506	487	453	409	304	304	301	302
70.0	416	400	376	342	262	264	262	264
72.5	332	327	306	281	221	226	224	225
75.0	261	253	242	222	183	186	188	191
77.5	198	192	185	169	146	150	155	158
80.0	142	138	134	124	112	116	123	127
82.5	94	93	90	85	80	87	93	94
85.0	55	53	53	51	52	57	63	65
87.5	25	23	25	25	26	29	32	32
90.0	0	0	0	0	0	0	0	0