

LUMINAIRE: CWW4-50MLG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acylic prisms lens
 Scaled from Test#16.00951
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 5281
WATTS: 49.50
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 #16232
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 107

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.26
BASED ON 3000 HRS. AND \$.08 PER KWH

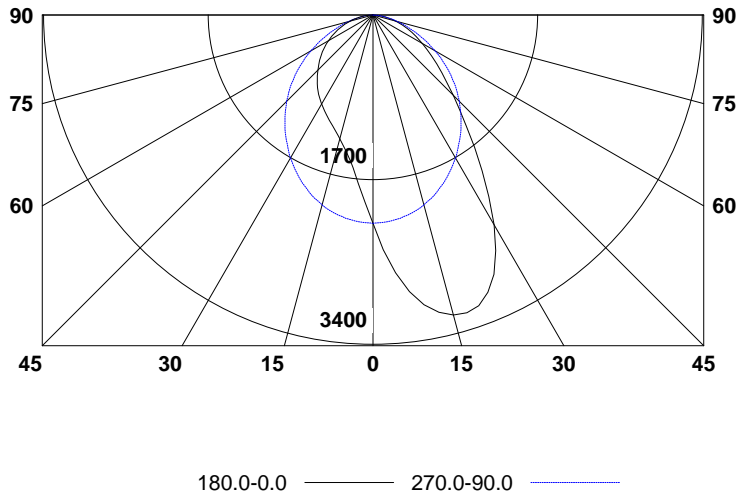
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1752	33.2	33.2
0-40	2787	52.8	52.8
0-60	4445	84.2	84.2
0-90	5281	100.0	100.0
0-180	5281	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	2150	2150	2150	2150	2150
7.5	2880	2663	2118	1696	1587
15.0	3206	2996	2029	1407	1320
22.5	3097	3086	1887	1224	1176
30.0	2499	2868	1703	1078	1061
37.5	1722	2284	1491	946	941
45.0	1172	1572	1260	813	804
52.5	831	1035	1009	666	671
60.0	590	680	739	518	533
67.5	403	431	481	377	384
75.0	237	255	261	234	244
82.5	103	107	102	109	120
90.0	0	0	0	0	0

INDOOR CANDELA PLOT



AVERAGE LUMINANCE

ANGLE	0.0	45.0	90.0	135.0	180.0
0	23615	23615	23615	23615	23615
30	31694	36374	21599	13672	13456
40	21464	29407	20260	12933	12804
45	18205	24418	19572	12628	12489
50	15874	20420	18694	12218	12218
55	14171	17292	17598	11777	11987
60	12961	14938	16234	11379	11709
65	11981	13151	14684	10968	11279
70	11047	11754	12878	10566	10822
75	10058	10822	11076	9930	10355
80	9172	9488	9361	9425	10184
85	7310	8444	7814	8948	9704

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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Scaled from Test#16.00951

TEST #16232
DATE: 6/3/2016

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	2150	2150	2150	2150	2150	2150	2150	2150	2150
2.5	2424	2401	2340	2244	2144	2040	1975	1923	1929
5.0	2671	2618	2507	2328	2134	1950	1830	1747	1745
7.5	2880	2813	2663	2409	2118	1856	1696	1603	1587
10.0	3037	2965	2801	2482	2094	1770	1586	1491	1477
12.5	3142	3080	2914	2548	2065	1682	1489	1402	1392
15.0	3206	3144	2996	2601	2029	1599	1407	1329	1320
17.5	3222*	3174	3055	2648	1988	1521	1340	1272	1269
20.0	3193	3162	3087	2685	1939	1444	1279	1221	1218
22.5	3097	3098	3086	2709	1887	1377	1224	1174	1176
25.0	2953	2978	3052	2721	1829	1310	1173	1133	1136
27.5	2743	2819	2981	2719	1766	1247	1126	1093	1097
30.0	2499	2586	2868	2702	1703	1187	1078	1055	1061
32.5	2225	2349	2705	2665	1633	1126	1035	1016	1022
35.0	1964	2093	2507	2605	1562	1068	992	978	983
37.5	1722	1823	2284	2522	1491	1011	946	936	941
40.0	1497	1603	2051	2415	1413	955	902	893	893
42.5	1323	1408	1808	2274	1338	902	858	850	850
45.0	1172	1240	1572	2103	1260	847	813	801	804
47.5	1035	1087	1373	1920	1179	791	764	755	760
50.0	929	970	1195	1725	1094	739	715	711	715
52.5	831	859	1035	1520	1009	684	666	665	671
55.0	740	765	903	1324	919	631	615	622	626
57.5	660	678	787	1153	834	578	564	574	578
60.0	590	607	680	986	739	526	518	529	533
62.5	520	533	587	834	652	473	470	480	485
65.0	461	468	506	701	565	422	422	431	434
67.5	403	408	431	579	481	372	377	383	384
70.0	344	350	366	473	401	322	329	333	337
72.5	288	295	308	383	330	275	281	286	290
75.0	237	243	255	301	261	225	234	242	244
77.5	190	195	199	229	202	181	191	200	202
80.0	145	149	150	161	148	139	149	158	161
82.5	103	104	107	110	102	100	109	116	120
85.0	58	63	67	67	62	65	71	77	77
87.5	21	23	27	29	30	30	36	37	36
90.0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE