

LUMINAIRE: CWW2-930LWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2531
WATTS: 29.40
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.15 90° = 1.26
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16.01162
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 86

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.76
BASED ON 3000 HRS. AND \$.08 PER KWH

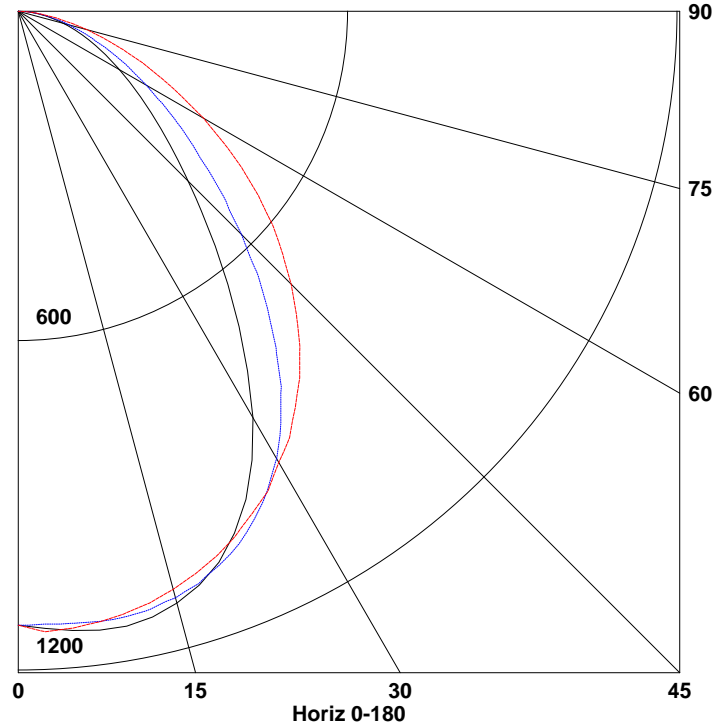
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	880	34.8	34.8
0-40	1385	54.7	54.7
0-60	2172	85.8	85.8
0-90	2531	100.0	100.0
0-180	2531	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	25071	25071	25071	25071	25071	25071
30	22139	22295	23460	24884	24936	24573
40	16335	17184	18794	21984	23477	23360
45	13922	15032	16491	19916	22199	22295
50	12036	13187	14478	17862	20339	21072
55	10556	11494	12785	15560	18414	19431
60	9508	10136	11212	13769	16370	17491
65	8702	9074	10082	12045	14274	15229
70	7999	8327	8851	10622	12130	13244
75	7365	7711	8058	9184	10397	11264
80	6845	7232	7361	8007	8523	9169
85	6690	7462	7462	7462	7462	7205

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	110	106	102	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86
	2	101	94	88	82	99	92	86	81	88	84	80	85	81	78	82	79	76	74
	3	93	83	76	70	91	82	75	70	79	73	68	76	71	67	74	70	66	64
R	4	86	75	67	61	84	74	66	60	71	65	59	69	63	59	67	62	58	56
C	5	79	67	59	53	77	66	59	53	64	57	52	62	56	52	61	55	51	49
R	6	74	61	53	47	72	60	52	47	59	52	46	57	51	46	55	50	46	44
	7	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	41	39
	8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35
	9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
	10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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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	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118
2.5	1125	1129	1129	1128	1127	1123	1126	1125	1124	1122	1117	1121	1121	1118	1114	1110	1109
5.0	1132	1138	1137	1136	1134	1127	1133	1131	1129	1127	1119	1124	1123	1120	1114	1109	1109
7.5	1137	1144*	1142	1141	1139	1131	1138	1135	1133	1131	1121	1126	1124	1120	1113	1106	1106
10.0	1137	1144	1141	1140	1138	1130	1137	1135	1133	1130	1120	1125	1122	1117	1109	1101	1102
12.5	1130	1137	1134	1133	1132	1124	1131	1129	1128	1125	1115	1121	1117	1112	1104	1094	1096
15.0	1116	1122	1120	1119	1118	1111	1118	1118	1117	1116	1106	1112	1109	1104	1095	1085	1086
17.5	1096	1100	1098	1099	1098	1093	1098	1099	1100	1100	1093	1098	1096	1092	1084	1073	1074
20.0	1068	1069	1068	1068	1069	1068	1071	1075	1076	1078	1073	1080	1079	1076	1068	1059	1059
22.5	1029	1027	1027	1030	1032	1034	1035	1041	1046	1050	1050	1056	1057	1055	1049	1039	1040
25.0	981	974	976	978	985	994	992	1000	1007	1014	1019	1027	1031	1031	1025	1018	1018
27.5	922	911	914	918	928	943	938	950	959	971	983	992	999	1001	998	993	993
30.0	855	840	847	852	861	879	875	892	906	921	941	949	961	970	969	964	963
32.5	777	769	771	780	793	813	807	824	844	863	890	903	919	926	930	928	929
35.0	701	697	699	709	723	741	737	756	778	804	835	849	867	884	894	893	894
37.5	627	625	631	637	651	667	668	687	708	734	771	787	818	833	841	848	850
40.0	558	563	568	574	587	596	601	619	642	669	706	729	751	779	795	801	802
42.5	494	507	511	517	528	531	541	557	581	605	642	661	694	717	741	753	757
45.0	439	454	456	464	474	472	486	500	520	548	575	602	628	662	680	695	700
47.5	389	403	407	415	423	418	433	449	467	485	514	539	565	597	624	638	640
50.0	345	360	362	368	378	372	388	401	415	434	454	479	512	537	567	583	583
52.5	306	317	320	326	333	329	344	356	369	386	401	426	455	480	510	526	528
55.0	270	281	281	287	294	289	302	313	327	343	353	378	398	425	451	465	471
57.5	241	247	249	253	259	255	266	275	287	301	310	332	350	372	396	409	415
60.0	212	222	222	221	226	224	233	241	250	262	270	290	307	326	345	358	365
62.5	187	189	192	194	198	196	207	209	216	226	233	250	264	279	296	307	314
65.0	164	165	167	168	171	170	175	181	190	194	200	214	227	239	253	262	269
67.5	142	144	144	146	148	147	151	155	159	166	171	183	193	204	213	220	223
70.0	122	123	124	125	127	126	129	132	135	139	143	155	162	170	177	182	185
72.5	103	104	105	106	107	106	108	110	113	117	118	126	132	138	144	147	151
75.0	85	87	87	88	89	88	89	91	93	96	96	102	106	111	115	117	120
77.5	69	70	70	71	71	71	72	73	74	76	76	80	83	86	87	90	91
80.0	53	55	55	55	56	54	56	57	57	58	57	60	62	64	64	66	66
82.5	39	41	41	41	41	40	41	42	42	42	42	43	44	44	45	45	45
85.0	26	28	28	28	29	27	29	28	29	29	27	29	29	29	29	28	29
87.5	14	15	15	15	15	15	15	15	16	16	15	16	16	15	15	14	15
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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CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0
0.0	1118	1118	1118	1118
2.5	1107	1109	1118	1131
5.0	1106	1107	1115	1128
7.5	1102	1103	1111	1122
10.0	1097	1097	1103	1114
12.5	1090	1089	1094	1104
15.0	1080	1077	1082	1090
17.5	1067	1064	1067	1074
20.0	1052	1047	1049	1056
22.5	1033	1027	1029	1034
25.0	1010	1005	1004	1009
27.5	988	983	980	985
30.0	955	950	947	949
32.5	926	921	917	920
35.0	887	882	879	880
37.5	851	846	839	842
40.0	804	802	799	798
42.5	760	755	751	750
45.0	712	710	707	703
47.5	654	657	656	653
50.0	599	606	606	604
52.5	543	552	550	551
55.0	485	496	498	497
57.5	435	441	443	441
60.0	378	384	389	390
62.5	328	336	336	335
65.0	280	288	288	287
67.5	237	242	243	245
70.0	195	199	201	202
72.5	156	161	164	163
75.0	124	129	130	130
77.5	94	96	99	98
80.0	68	68	71	71
82.5	45	46	48	46
85.0	28	28	28	28
87.5	14	14	13	13
90.0	0	0	0	0