

LUMINAIRE: CWW2-35MWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.00840
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1896
WATTS: 20.40
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16214
 DATE: 4/7/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 93

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.53
BASED ON 3000 HRS. AND \$.08 PER KWH

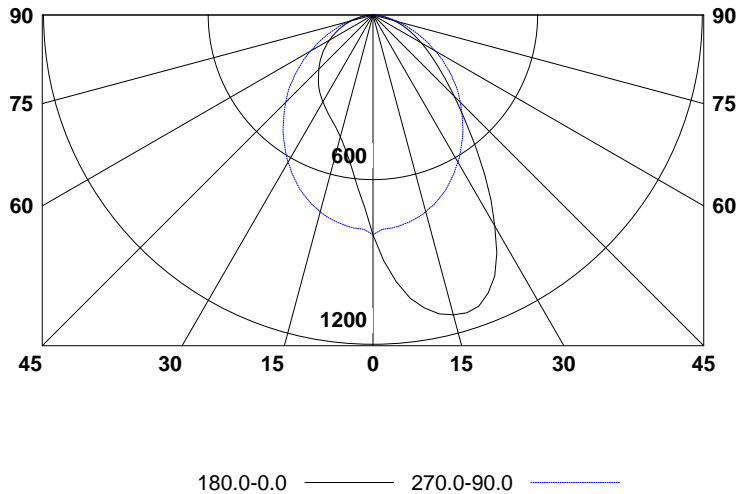
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	631	33.3	33.3
0-40	1005	53.0	53.0
0-60	1602	84.5	84.5
0-90	1896	100.0	100.0
0-180	1896	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	801	801	801	801	801
7.5	1041	972	773	612	571
15.0	1131	1076	742	497	460
22.5	1096	1102	691	425	405
30.0	887	1032	619	373	365
37.5	621	829	538	326	324
45.0	418	578	450	282	279
52.5	292	377	359	230	232
60.0	204	244	263	181	183
67.5	136	155	172	132	131
75.0	79	87	96	81	83
82.5	31	37	37	38	40
90.0	0	0	0	0	0

INDOOR CANDELA PLOT



AVERAGE LUMINANCE

ANGLE	0.0	35.0	70.0	105.0	140.0	175.0
0	17962	17962	17962	17962	17962	17962
30	22968	25687	24651	12507	9633	9451
40	15837	19291	25234	11446	9133	9046
45	13256	15920	24261	10973	8943	8848
50	11408	13327	22258	10501	8652	8687
55	10165	11377	19666	9891	8367	8523
60	9149	10046	16594	9329	8163	8208
65	8384	9021	13955	8649	7800	7853
70	7606	8196	11540	7934	7540	7540
75	6845	7365	9704	7278	7018	7191
80	6070	6715	7619	6457	6715	6974
85	4117	5146	6175	5661	6433	6690

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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CANDELA VALUES

ANGLE	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0
0.0	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801
2.5	896	895	894	892	890	885	878	872	864	857	852	843	837	828	817	806	801
5.0	976	976	974	971	968	957	950	940	930	918	905	893	878	862	843	828	816
7.5	1041	1041	1039	1036	1028	1020	1012	1001	988	972	956	939	917	895	870	844	825
10.0	1084	1087	1084	1080	1076	1068	1059	1045	1031	1019	999	976	953	924	893	860	832
12.5	1115	1115	1114	1111	1107	1097	1089	1080	1066	1051	1031	1009	983	950	911	874	837
15.0	1131	1133	1133	1130	1125	1119	1112	1102	1091	1076	1057	1035	1006	970	928	883	839
17.5	1137	1138	1139*	1137	1133	1130	1124	1116	1107	1093	1076	1054	1024	988	942	891	840
20.0	1128	1129	1131	1131	1130	1128	1125	1121	1114	1102	1087	1066	1038	1001	952	895	837
22.5	1096	1099	1102	1104	1110	1113	1113	1113	1110	1102	1091	1073	1046	1009	958	898	832
25.0	1049	1048	1053	1058	1068	1076	1083	1089	1093	1092	1086	1072	1049	1013	961	896	823
27.5	977	976	989	998	1006	1020	1034	1052	1065	1069	1071	1064	1044	1011	959	891	812
30.0	887	894	901	911	931	950	970	992	1014	1032	1043	1043	1031	1003	952	882	797
32.5	800	799	814	826	841	862	888	922	953	976	1000	1013	1009	986	940	868	780
35.0	709	716	723	735	750	773	808	840	877	914	944	970	976	962	921	850	760
37.5	621	620	635	646	660	683	710	752	792	829	874	913	931	930	895	828	735
40.0	541	546	551	561	575	601	626	659	699	745	796	840	872	883	862	796	705
42.5	476	480	484	492	503	520	547	577	614	660	706	763	804	829	817	762	672
45.0	418	422	426	433	440	455	478	502	535	578	621	680	730	765	765	719	637
47.5	367	370	373	378	390	401	415	435	462	497	544	595	653	696	707	672	598
50.0	327	331	333	337	342	350	366	382	405	435	470	522	573	618	638	615	551
52.5	292	294	296	299	302	309	321	334	352	377	407	452	499	545	569	555	502
55.0	260	261	263	265	268	276	282	291	305	325	354	387	434	472	503	492	451
57.5	230	232	233	237	241	244	248	255	265	282	304	333	373	411	436	434	403
60.0	204	205	206	208	211	214	219	224	231	244	259	286	315	348	370	372	349
62.5	180	179	182	183	185	188	190	196	199	207	222	244	268	296	314	317	300
65.0	158	157	160	161	162	164	166	170	174	179	189	205	224	248	263	266	254
67.5	136	137	138	139	139	141	144	146	150	155	160	172	186	203	216	220	211
70.0	116	117	118	118	119	121	124	125	127	130	133	142	154	166	176	179	173
72.5	97	98	98	99	101	102	103	104	106	107	111	116	125	134	141	144	140
75.0	79	80	81	81	83	84	84	85	86	87	91	93	100	106	112	114	111
77.5	62	63	64	64	65	65	67	68	68	69	71	72	74	78	84	83	82
80.0	47	47	47	48	48	49	51	52	52	53	52	54	55	57	59	60	59
82.5	31	31	31	32	33	34	35	36	36	37	37	37	38	39	40	41	41
85.0	16	17	17	17	17	19	20	20	21	22	23	22	23	22	24	23	23
87.5	6	6	6	6	7	6	7	7	7	8	9	9	10	10	10	10	10
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	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0
0.0	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801
2.5	792	781	773	765	756	747	740	735	730	724	719	716	712	709	706	704	703
5.0	798	779	764	749	733	718	705	695	684	674	664	658	652	645	639	636	635
7.5	800	773	752	729	708	686	668	654	641	626	612	604	597	589	582	577	576
10.0	800	765	737	710	682	655	633	617	601	586	570	561	553	545	537	532	530
12.5	797	755	722	690	658	625	600	583	565	547	530	522	515	506	499	494	493
15.0	791	742	706	668	632	594	566	549	532	515	497	490	484	477	470	466	465
17.5	783	727	686	646	606	565	537	520	503	486	470	464	458	453	446	442	441
20.0	773	709	666	623	580	537	509	493	478	463	447	442	437	432	427	424	423
22.5	760	691	646	601	556	512	482	468	454	439	425	421	417	414	410	408	407
25.0	743	667	621	577	531	485	457	443	431	418	406	404	401	399	396	395	394
27.5	726	644	598	552	506	461	433	422	412	401	391	388	385	383	380	379	378
30.0	705	619	574	529	483	437	410	401	392	382	373	372	370	369	368	367	366
32.5	682	592	547	503	459	415	388	380	373	365	357	356	356	355	354	354	354
35.0	658	565	523	480	436	394	369	362	356	349	343	343	343	342	342	342	341
37.5	632	538	496	455	413	371	348	343	338	332	326	326	326	326	326	326	325
40.0	602	507	469	430	391	352	331	325	321	316	312	312	311	311	310	310	310
42.5	573	479	442	405	368	331	310	307	304	300	297	296	296	295	294	294	294
45.0	540	450	415	380	346	311	293	290	287	285	282	282	281	281	280	280	280
47.5	504	421	388	356	322	290	273	271	268	266	264	264	264	264	264	264	264
50.0	470	390	360	331	301	272	255	253	252	250	248	248	248	249	249	249	249
52.5	431	359	332	304	277	249	235	234	233	231	230	230	231	231	232	232	232
55.0	392	326	302	278	253	229	217	216	215	214	213	214	215	216	217	217	217
57.5	350	298	276	254	232	211	199	198	197	197	196	197	198	199	200	200	200
60.0	310	263	245	227	208	190	181	181	181	181	181	182	182	183	184	184	184
62.5	271	232	217	201	186	171	163	163	163	163	163	164	165	166	167	167	167
65.0	231	200	188	176	163	151	144	145	145	146	146	147	147	148	150	150	150
67.5	195	172	162	152	142	132	128	129	130	131	132	132	132	132	132	132	132
70.0	162	143	136	128	121	114	111	112	113	114	115	115	115	115	115	115	115
72.5	130	119	114	108	103	98	95	96	97	97	98	98	98	98	98	98	98
75.0	104	96	92	88	84	81	79	80	80	81	81	81	81	82	82	82	82
77.5	79	72	70	68	67	65	64	65	65	66	66	66	67	67	68	68	68
80.0	58	53	52	51	50	49	49	50	51	51	52	52	53	53	54	54	54
82.5	39	37	37	37	36	36	36	37	37	38	38	39	39	40	41	41	41
85.0	23	21	21	22	22	23	23	24	24	25	25	25	25	25	25	25	25
87.5	10	11	11	11	11	11	11	11	12	12	12	12	12	11	11	11	11
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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CANDELA VALUES

ANGLE	170.0	175.0	180.0
0.0	801	801	801
2.5	702	702	701
5.0	634	633	632
7.5	574	573	571
10.0	527	525	523
12.5	491	490	488
15.0	463	462	460
17.5	440	438	437
20.0	422	421	420
22.5	406	406	405
25.0	393	392	391
27.5	378	377	377
30.0	366	365	365
32.5	353	353	353
35.0	341	340	340
37.5	325	324	324
40.0	309	309	309
42.5	293	293	293
45.0	279	279	279
47.5	264	264	264
50.0	249	249	249
52.5	232	232	232
55.0	218	218	218
57.5	201	201	201
60.0	183	183	183
62.5	166	166	166
65.0	148	148	148
67.5	131	131	131
70.0	115	115	115
72.5	99	99	99
75.0	83	83	83
77.5	69	69	69
80.0	54	54	54
82.5	40	40	40
85.0	26	26	26
87.5	12	12	12
90.0	0	0	0