

LUMINAIRE: CWW2-40MWG-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: 1960
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 #16215
 DATE: 4/7/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 96

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.45
BASED ON 3000 HRS. AND \$.08 PER KWH

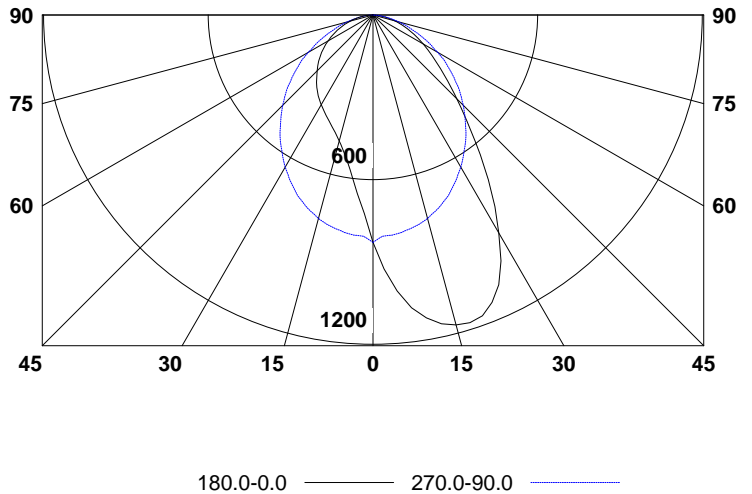
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	652	33.2	33.2
0-40	1038	53.0	53.0
0-60	1655	84.5	84.5
0-90	1960	100.0	100.0
0-180	1960	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	828	828	828	828	828
7.5	1076	1005	799	633	590
15.0	1169	1112	767	514	475
22.5	1133	1139	714	439	418
30.0	916	1067	640	386	377
37.5	642	857	556	337	335
45.0	432	597	465	291	288
52.5	302	390	371	238	240
60.0	211	252	272	187	189
67.5	141	160	178	137	136
75.0	82	90	99	84	86
82.5	32	38	38	39	41
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	18568	18568	18568	18568	18568	18568
30	23719	26541	25480	12921	9969	9762
40	16364	19935	26083	11827	9455	9368
45	13700	16459	25054	11322	9229	9133
50	11792	13780	22990	10850	8931	9001
55	10517	11768	20330	10243	8640	8797
60	9463	10360	17177	9643	8432	8477
65	8649	9339	14433	8914	8065	8118
70	7868	8458	11933	8196	7802	7802
75	7105	7625	10051	7538	7278	7451
80	6199	6974	7878	6715	6974	7232
85	4374	5403	6433	5918	6690	6947

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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TEST #16215
DATE: 4/7/2016

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	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828
2.5	926	925	924	922	920	914	907	901	893	886	881	871	865	856	844	833	828
5.0	1009	1009	1007	1004	1001	989	982	971	961	949	935	923	907	891	871	856	843
7.5	1076	1076	1074	1071	1063	1054	1046	1034	1021	1005	988	970	948	925	899	872	852
10.0	1120	1124	1120	1116	1112	1104	1094	1080	1066	1053	1032	1009	985	955	923	889	860
12.5	1152	1152	1151	1148	1143	1134	1126	1116	1101	1086	1066	1043	1016	982	942	903	865
15.0	1169	1171	1171	1168	1162	1156	1149	1139	1128	1112	1092	1070	1039	1003	959	912	867
17.5	1175	1176	1177*	1175	1171	1168	1161	1153	1143	1130	1112	1089	1058	1021	973	921	868
20.0	1166	1167	1169	1169	1168	1166	1162	1158	1151	1139	1124	1101	1073	1034	984	925	865
22.5	1133	1136	1139	1141	1147	1150	1150	1150	1147	1139	1128	1109	1081	1043	990	928	860
25.0	1084	1083	1088	1093	1104	1112	1119	1126	1130	1129	1122	1108	1084	1047	993	926	850
27.5	1010	1009	1022	1031	1039	1054	1069	1087	1100	1105	1107	1099	1079	1045	991	921	839
30.0	916	924	931	942	962	982	1003	1025	1048	1067	1078	1078	1066	1036	984	911	824
32.5	827	826	841	853	869	891	918	953	985	1009	1033	1047	1043	1019	971	897	806
35.0	733	740	747	760	775	799	834	868	906	945	975	1003	1009	994	952	879	785
37.5	642	641	656	667	682	706	734	777	819	857	903	944	962	961	925	856	760
40.0	559	564	570	580	594	621	647	681	722	770	823	868	901	912	891	823	728
42.5	492	496	500	509	520	537	565	596	635	682	729	788	831	857	844	787	695
45.0	432	436	440	448	455	470	494	519	553	597	642	703	755	790	790	743	658
47.5	379	383	386	391	403	414	429	450	477	514	562	615	675	719	730	695	618
50.0	338	342	344	348	353	362	378	395	418	450	486	539	592	639	659	636	570
52.5	302	304	306	309	312	320	332	345	364	390	420	467	516	563	588	574	519
55.0	269	270	272	274	277	285	291	301	315	336	366	400	449	488	520	509	466
57.5	238	240	241	245	249	252	256	264	274	291	314	344	386	425	451	449	416
60.0	211	212	213	215	218	221	226	231	239	252	268	295	326	359	383	385	360
62.5	186	185	188	189	191	194	197	203	206	214	229	252	277	306	325	328	310
65.0	163	162	165	166	167	169	171	176	180	185	195	212	231	256	272	275	263
67.5	141	142	143	144	144	146	149	151	155	160	165	178	192	210	223	227	218
70.0	120	121	122	122	123	125	128	129	131	135	138	147	159	171	182	185	179
72.5	100	101	101	102	104	105	106	107	109	110	115	120	129	139	146	149	145
75.0	82	83	84	84	86	87	87	88	89	90	94	96	103	109	116	118	115
77.5	64	65	66	66	67	67	69	70	70	71	74	75	77	81	87	86	85
80.0	48	48	48	49	49	50	53	54	54	55	54	56	57	59	61	62	61
82.5	32	32	32	33	34	35	36	37	37	38	38	38	39	40	41	42	42
85.0	17	18	18	18	18	20	21	21	22	23	24	23	24	23	25	24	24
87.5	6	6	6	6	7	6	7	7	7	8	9	9	11	11	11	11	11
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	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828	828
2.5	819	807	799	790	781	772	765	760	755	748	743	740	736	733	729	727	726
5.0	825	805	789	774	758	742	728	718	707	697	686	680	674	666	660	657	656
7.5	827	799	777	754	732	709	691	676	662	647	633	624	617	609	601	596	595
10.0	827	790	762	734	705	677	654	638	621	605	589	580	572	563	555	550	548
12.5	824	780	746	713	680	646	620	602	584	565	548	539	532	523	516	511	510
15.0	818	767	729	691	653	614	585	568	550	532	514	507	500	493	486	481	480
17.5	809	751	709	667	626	584	555	537	520	502	486	479	473	468	461	457	456
20.0	799	733	688	644	599	555	526	510	494	478	462	457	452	447	441	438	437
22.5	785	714	667	621	575	529	498	483	469	454	439	435	431	428	424	421	420
25.0	768	689	642	596	549	501	472	458	446	432	419	417	414	412	409	408	407
27.5	750	665	618	571	523	476	448	436	426	414	404	401	398	396	393	392	391
30.0	728	640	593	547	499	452	424	414	405	395	386	385	383	382	380	379	378
32.5	705	612	565	520	474	429	401	393	386	377	369	368	368	367	366	366	366
35.0	680	584	540	496	451	407	382	374	368	360	354	354	354	353	353	353	352
37.5	653	556	513	470	427	384	359	354	349	343	337	337	337	337	337	337	336
40.0	622	524	485	445	404	364	342	336	332	327	323	323	322	322	321	321	321
42.5	592	495	457	418	380	342	321	317	314	310	307	306	306	305	304	304	304
45.0	558	465	429	393	357	322	303	300	296	294	291	291	290	290	289	289	289
47.5	521	435	401	368	333	300	282	280	277	275	273	273	273	273	273	273	273
50.0	486	403	372	342	311	281	264	262	261	259	256	256	256	258	258	258	258
52.5	446	371	343	314	286	258	243	242	241	239	238	238	239	239	240	240	240
55.0	405	337	312	287	262	236	224	223	222	221	220	221	222	223	224	224	224
57.5	362	308	285	263	240	218	206	205	204	204	203	204	205	206	207	207	207
60.0	321	272	253	234	215	197	187	187	187	187	187	188	188	189	190	190	190
62.5	280	240	224	208	192	177	168	168	168	168	168	169	170	171	172	172	172
65.0	239	207	194	182	168	156	149	150	150	151	151	152	152	153	155	155	155
67.5	202	178	167	157	147	137	132	133	135	136	137	137	137	137	137	137	137
70.0	167	148	141	132	125	118	115	116	117	118	119	119	119	119	119	119	119
72.5	135	123	118	111	106	101	98	99	100	100	101	101	101	101	101	101	101
75.0	107	99	95	91	87	84	82	83	83	84	84	84	84	85	85	85	85
77.5	82	75	73	70	69	67	66	67	67	68	68	68	69	69	70	70	70
80.0	60	55	54	53	52	50	50	52	53	53	54	54	55	55	56	56	56
82.5	40	38	38	38	37	37	37	38	38	39	39	40	40	41	42	42	42
85.0	24	22	22	23	23	24	24	25	25	26	26	26	26	26	26	26	26
87.5	11	12	12	12	12	12	12	12	13	13	13	13	13	12	12	12	12
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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 DATE: 4/7/2016

CANDELA VALUES

ANGLE	170.0	175.0	180.0
0.0	828	828	828
2.5	725	725	724
5.0	655	654	653
7.5	593	592	590
10.0	544	542	540
12.5	508	507	504
15.0	478	477	475
17.5	455	453	452
20.0	436	435	434
22.5	419	419	418
25.0	406	405	404
27.5	391	390	390
30.0	378	377	377
32.5	365	365	365
35.0	352	351	351
37.5	336	335	335
40.0	320	320	320
42.5	303	303	303
45.0	288	288	288
47.5	273	273	273
50.0	258	258	258
52.5	240	240	240
55.0	225	225	225
57.5	208	208	208
60.0	189	189	189
62.5	171	171	171
65.0	153	153	153
67.5	136	136	136
70.0	119	119	119
72.5	102	102	102
75.0	86	86	86
77.5	71	71	71
80.0	56	56	56
82.5	41	41	41
85.0	27	27	27
87.5	13	13	13
90.0	0	0	0