

LUMINAIRE: CWW2-30MWG-1WW-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: 1865
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 #16.00840
 DATE: 4/7/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 91

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.58
BASED ON 3000 HRS. AND \$.08 PER KWH

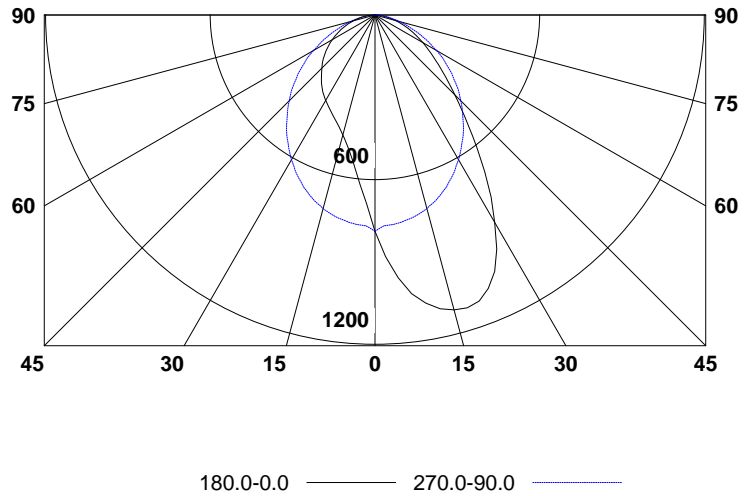
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	620	33.3	33.3
0-40	988	53.0	53.0
0-60	1575	84.5	84.5
0-90	1865	100.0	100.0
0-180	1865	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	788	788	788	788	788
7.5	1024	956	760	602	561
15.0	1112	1058	730	489	452
22.5	1078	1084	679	418	398
30.0	872	1015	609	367	359
37.5	611	815	529	321	319
45.0	411	568	442	277	274
52.5	287	371	353	226	228
60.0	201	240	259	178	180
67.5	134	152	169	130	129
75.0	78	86	94	80	82
82.5	30	36	36	37	39
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	17671	17671	17671	17671	17671	17671
30	22580	25247	24237	12300	9477	9296
40	15574	18969	24824	11241	8987	8899
45	13034	15666	23849	10783	8785	8690
50	11234	13117	21874	10327	8512	8547
55	10009	11182	19353	9735	8210	8367
60	9015	9867	16325	9194	8028	8073
65	8225	8861	13743	8490	7694	7747
70	7475	8065	11343	7802	7409	7409
75	6758	7278	9531	7191	6932	7105
80	5941	6586	7490	6328	6586	6845
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	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788
2.5	881	880	879	877	875	870	863	857	850	843	838	829	823	814	803	793	788
5.0	960	960	958	955	952	941	934	924	914	903	890	878	863	848	829	814	802
7.5	1024	1024	1022	1019	1011	1003	995	984	971	956	940	923	902	880	855	830	811
10.0	1066	1069	1066	1062	1058	1050	1041	1028	1014	1002	982	960	937	909	878	846	818
12.5	1096	1096	1095	1092	1088	1079	1071	1062	1048	1033	1014	992	967	934	896	859	823
15.0	1112	1114	1114	1111	1106	1100	1093	1084	1073	1058	1039	1018	989	954	912	868	825
17.5	1118	1119	1120*	1118	1114	1111	1105	1097	1088	1075	1058	1036	1007	971	926	876	826
20.0	1109	1110	1112	1112	1111	1109	1106	1102	1095	1084	1069	1048	1021	984	936	880	823
22.5	1078	1081	1084	1086	1091	1094	1094	1094	1091	1084	1073	1055	1029	992	942	883	818
25.0	1031	1030	1035	1040	1050	1058	1065	1071	1075	1074	1068	1054	1031	996	945	881	809
27.5	961	960	972	981	989	1003	1017	1034	1047	1051	1053	1046	1027	994	943	876	798
30.0	872	879	886	896	915	934	954	975	997	1015	1026	1026	1014	986	936	867	784
32.5	787	786	800	812	827	848	873	907	937	960	983	996	992	970	924	853	767
35.0	697	704	711	723	737	760	794	826	862	899	928	954	960	946	906	836	747
37.5	611	610	624	635	649	672	698	739	779	815	859	898	915	914	880	814	723
40.0	532	537	542	552	565	591	616	648	687	733	783	826	857	868	848	783	693
42.5	468	472	476	484	495	511	538	567	604	649	694	750	791	815	803	749	661
45.0	411	415	419	426	433	447	470	494	526	568	611	669	718	752	752	707	626
47.5	361	364	367	372	383	394	408	428	454	489	535	585	642	684	695	661	588
50.0	322	325	327	331	336	344	360	376	398	428	462	513	563	608	627	605	542
52.5	287	289	291	294	297	304	316	328	346	371	400	444	491	536	559	546	494
55.0	256	257	259	261	264	271	277	286	300	320	348	381	427	464	495	484	443
57.5	226	228	229	233	237	240	244	251	261	277	299	327	367	404	429	427	396
60.0	201	202	203	205	207	210	215	220	227	240	255	281	310	342	364	366	343
62.5	177	176	179	180	182	185	187	193	196	204	218	240	264	291	309	312	295
65.0	155	154	157	158	159	161	163	167	171	176	186	202	220	244	259	262	250
67.5	134	135	136	137	137	139	142	144	147	152	157	169	183	200	212	216	207
70.0	114	115	116	116	117	119	122	123	125	128	131	140	151	163	173	176	170
72.5	95	96	96	97	99	100	101	102	104	105	109	114	123	132	139	142	138
75.0	78	79	80	80	82	83	83	84	85	86	89	91	98	104	110	112	109
77.5	61	62	63	63	64	64	66	67	67	68	70	71	73	77	83	82	81
80.0	46	46	46	47	47	48	50	51	51	52	51	53	54	56	58	59	58
82.5	30	30	30	31	32	33	34	35	35	36	36	36	37	38	39	40	40
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	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788
2.5	779	768	760	752	743	735	728	723	718	712	707	704	700	697	694	692	691
5.0	785	766	751	736	721	706	693	683	673	663	653	647	641	634	628	625	624
7.5	787	760	739	717	696	675	657	643	630	616	602	594	587	579	572	567	566
10.0	787	752	725	698	671	644	622	607	591	576	560	552	544	536	528	523	521
12.5	784	742	710	678	647	615	590	573	556	538	521	513	506	498	491	486	485
15.0	778	730	694	657	621	584	557	540	523	506	489	482	476	469	462	458	457
17.5	770	715	675	635	596	556	528	511	495	478	462	456	450	445	439	435	434
20.0	760	697	655	613	570	528	500	485	470	455	440	435	430	425	420	417	416
22.5	747	679	635	591	547	503	474	460	446	432	418	414	410	407	403	401	400
25.0	731	656	611	567	522	477	449	436	424	411	399	397	394	392	389	388	387
27.5	714	633	588	543	498	453	426	415	405	394	384	382	379	377	374	373	372
30.0	693	609	564	520	475	430	403	394	385	376	367	366	364	363	362	361	360
32.5	671	582	538	495	451	408	382	374	367	359	351	350	350	349	348	348	348
35.0	647	556	514	472	429	387	363	356	350	343	337	337	337	336	336	336	335
37.5	621	529	488	447	406	365	342	337	332	326	321	321	321	321	321	321	320
40.0	592	499	461	423	384	346	325	320	316	311	307	307	306	306	305	305	305
42.5	563	471	435	398	362	325	305	302	299	295	292	291	291	290	289	289	289
45.0	531	442	408	374	340	306	288	285	282	280	277	277	276	276	275	275	275
47.5	496	414	382	350	317	285	268	266	264	262	260	260	260	260	260	260	260
50.0	462	383	354	325	296	267	251	249	248	246	244	244	244	245	245	245	245
52.5	424	353	326	299	272	245	231	230	229	227	226	226	227	227	228	228	228
55.0	385	321	297	273	249	225	213	212	211	210	209	210	211	212	213	213	213
57.5	344	293	271	250	228	207	196	195	194	194	193	194	195	196	197	197	197
60.0	305	259	241	223	205	187	178	178	178	178	178	179	179	180	181	181	181
62.5	266	228	213	198	183	168	160	160	160	160	160	161	162	163	164	164	164
65.0	227	197	185	173	160	148	142	143	143	144	144	145	145	146	147	147	147
67.5	192	169	159	149	140	130	126	127	128	129	130	130	130	130	130	130	130
70.0	159	141	134	126	119	112	109	110	111	112	113	113	113	113	113	113	113
72.5	128	117	112	106	101	96	93	94	95	95	96	96	96	96	96	96	96
75.0	102	94	90	87	83	80	78	79	79	80	80	80	80	81	81	81	81
77.5	78	71	69	67	66	64	63	64	64	65	65	65	66	66	67	67	67
80.0	57	52	51	50	49	48	48	49	50	50	51	51	52	52	53	53	53
82.5	38	36	36	36	35	35	35	36	36	37	37	38	38	39	40	40	40
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	788	788	788
2.5	690	690	689
5.0	623	622	621
7.5	564	563	561
10.0	518	516	514
12.5	483	482	480
15.0	455	454	452
17.5	433	431	430
20.0	415	414	413
22.5	399	399	398
25.0	386	385	384
27.5	372	371	371
30.0	360	359	359
32.5	347	347	347
35.0	335	334	334
37.5	320	319	319
40.0	304	304	304
42.5	288	288	288
45.0	274	274	274
47.5	260	260	260
50.0	245	245	245
52.5	228	228	228
55.0	214	214	214
57.5	198	198	198
60.0	180	180	180
62.5	163	163	163
65.0	146	146	146
67.5	129	129	129
70.0	113	113	113
72.5	97	97	97
75.0	82	82	82
77.5	68	68	68
80.0	53	53	53
82.5	39	39	39
85.0	26	26	26
87.5	12	12	12
90.0	0	0	0